

SM C10 M12 CONNECTORS



Metal housing connector excellent 360° full shielding, new more damped design

Products comply with IEC 61076-2-101 Industry 4.0 agreement, NEMA2000 standard

Plug: assembled type, injection molding with cable type (length can be customized)

Socket: Front Mount Solder type, Back Mount Solder type and PCB type

Number of pins: 2, 3, 4, 5, 6, 8 12 17 pins

Waterproof grade: IP65, IP67


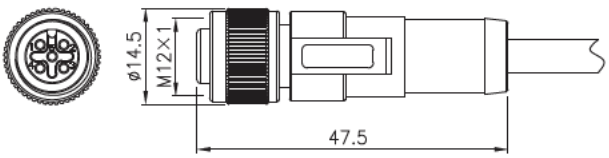

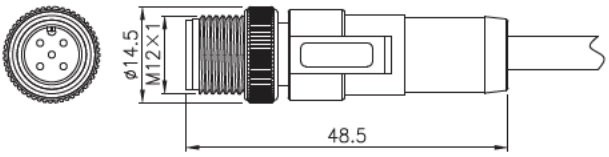

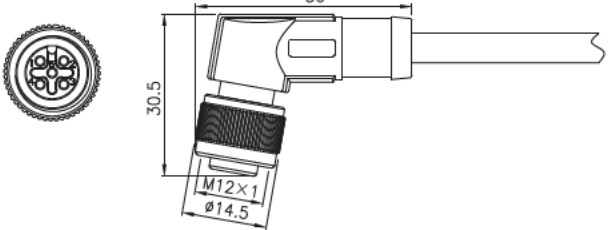

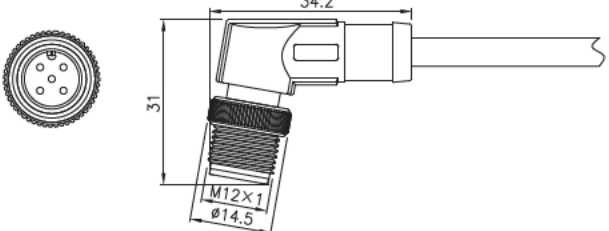

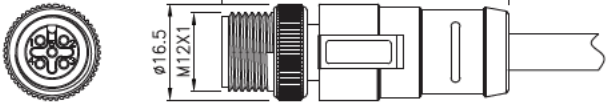

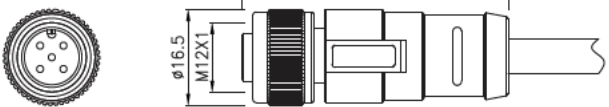

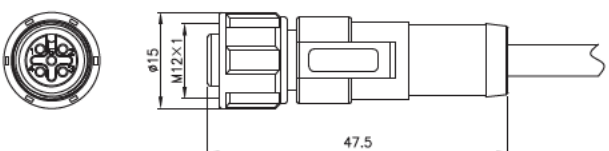



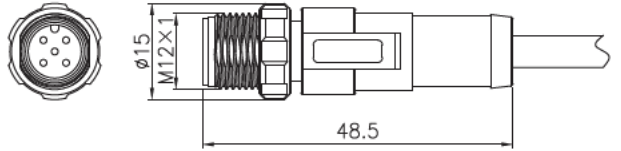

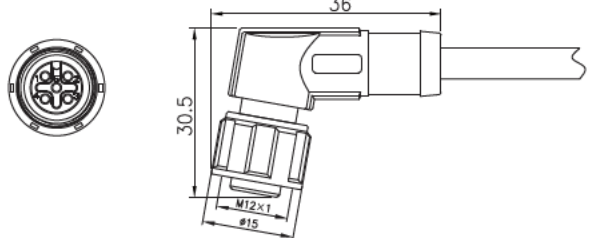

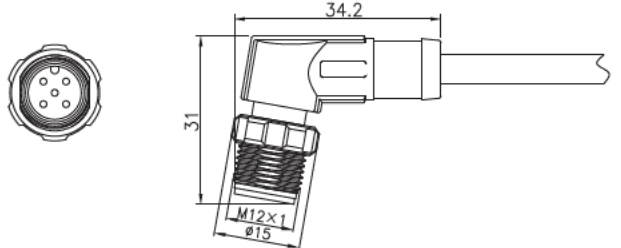

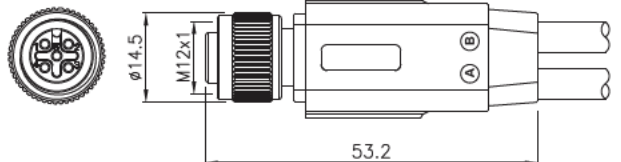

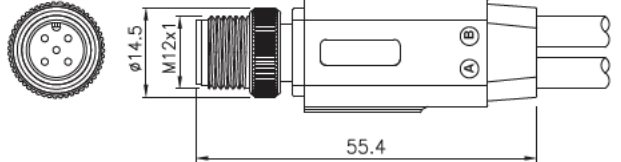

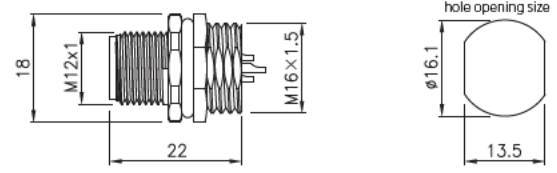

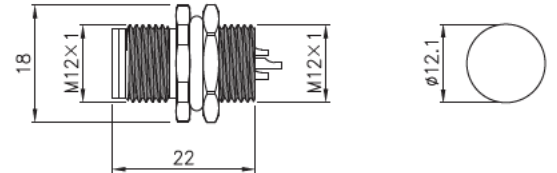
Product Parameters


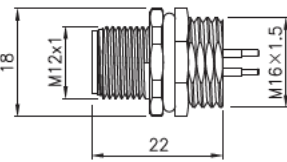
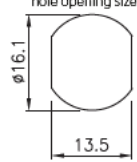

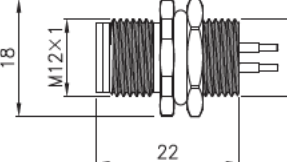
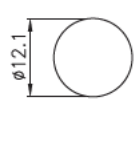

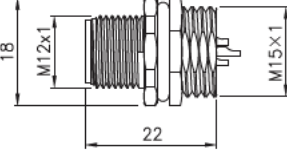
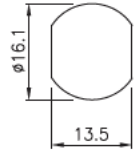

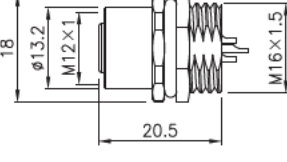
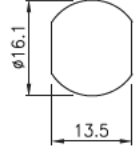

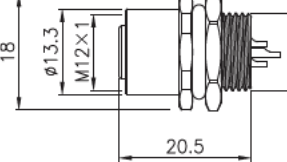
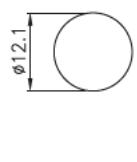

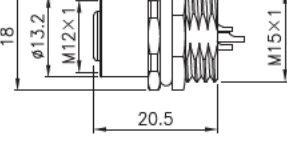
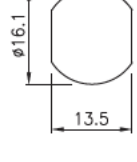

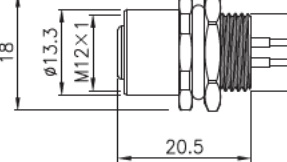
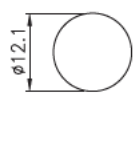
Shell material	Brass nickel-plated/Zinc alloy nickel-plated/PA-GF	Contact impedance	$\leq 5\text{m}\Omega$
Sealing material	Epoxy resin/Rubber	Durability	≥ 500
Contact material	Brass/Phosphorous copper gold-plated	Execution standard	IEC 61076-2-101
Insulator material	PA+GF/TPU	Applicable temperature	$-25^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Molding material	TPU/PVC	Waterproof grade	IP67


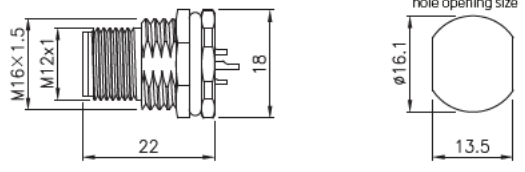

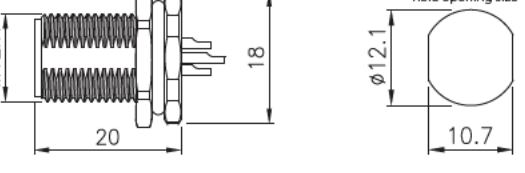

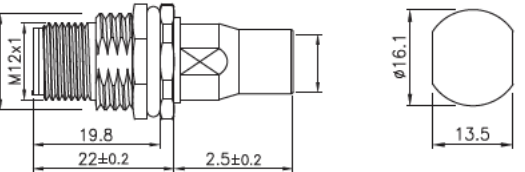

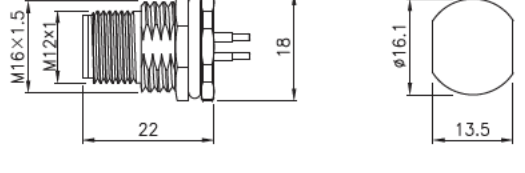

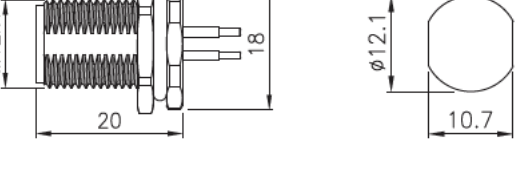

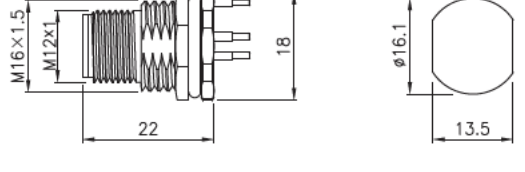

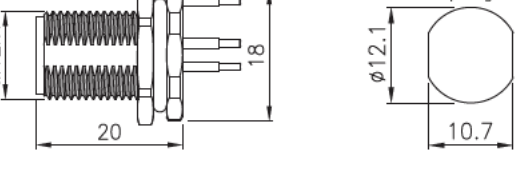
PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS									
	<p>M 2 S ag ema e Me a P ug (Screw)</p> <p>M12 0001 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-000</td> <td>A: 2 3 4 5 8</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td>G9</td> <td>M 2-0002</td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-000	A: 2 3 4 5 8	VC	L (mm)	G9	M 2-0002	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 20$, M12x1, ~ 60, Max. $\phi 8.15$.</p>
G	M 2-000	A: 2 3 4 5 8	VC	L (mm)							
G9	M 2-0002	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 S ag Ma e Me a P ug (Screw)</p> <p>M12 0003 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-0003</td> <td>A: 2 3 4 5 8</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td>G9</td> <td>M 2-0004</td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-0003	A: 2 3 4 5 8	VC	L (mm)	G9	M 2-0004	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 20$, M12x1, ~ 64.5, Max. $\phi 8.15$.</p>
G	M 2-0003	A: 2 3 4 5 8	VC	L (mm)							
G9	M 2-0004	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 A g ed ema e Me a P ug (Screw)</p> <p>M12 0005 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-0005</td> <td>A: 2 3 4 5 8</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td>G9</td> <td>M 2-0006</td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-0005	A: 2 3 4 5 8	VC	L (mm)	G9	M 2-0006	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 20$, M12x1, ~ 38, ~ 52, Max. $\phi 8.15$.</p>
G	M 2-0005	A: 2 3 4 5 8	VC	L (mm)							
G9	M 2-0006	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 A g ed Ma e Me a P ug (Screw)</p> <p>M12 0007 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-000</td> <td>A: 2 3 4 5 8</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td>G9</td> <td>M 2-0008</td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-000	A: 2 3 4 5 8	VC	L (mm)	G9	M 2-0008	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 20$, M12x1, ~ 41, ~ 52, Max. $\phi 8.15$.</p>
G	M 2-000	A: 2 3 4 5 8	VC	L (mm)							
G9	M 2-0008	B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 S ag ema e Me a P ug (Solder)</p> <p>M12 0009 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-0009</td> <td>A: 2 3 4 5 6 8 2</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td></td> <td></td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-0009	A: 2 3 4 5 6 8 2	VC	L (mm)			B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 16.5$, M12x1, ~ 52, $\phi 8.5$.</p>
G	M 2-0009	A: 2 3 4 5 6 8 2	VC	L (mm)							
		B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 S ag Ma e Me a P ug (Solder)</p> <p>M12 0010 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00 0</td> <td>A: 2 3 4 5 6 8 2</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td></td> <td></td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-00 0	A: 2 3 4 5 6 8 2	VC	L (mm)			B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 16.5$, M12x1, ~ 54, $\phi 8.5$.</p>
G	M 2-00 0	A: 2 3 4 5 6 8 2	VC	L (mm)							
		B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								
	<p>M 2 A g ed ema e Me a P ug (Solder)</p> <p>M12 0011 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00</td> <td>A: 2 3 4 5 6 8 2</td> <td>VC</td> <td rowspan="2">L (mm)</td> </tr> <tr> <td></td> <td></td> <td>B: 5B D: 4D</td> <td>2-PUR 3-TPU 4-RU 5-PTFE</td> </tr> </table>	G	M 2-00	A: 2 3 4 5 6 8 2	VC	L (mm)			B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE	<p>Technical drawing showing dimensions: $\phi 16.5$, M12x1, ~ 42, ~ 40, $\phi 8.5$.</p>
G	M 2-00	A: 2 3 4 5 6 8 2	VC	L (mm)							
		B: 5B D: 4D	2-PUR 3-TPU 4-RU 5-PTFE								


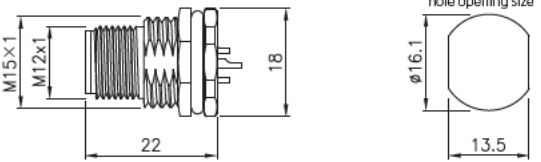

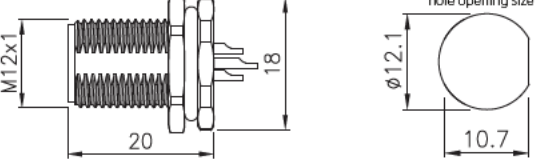

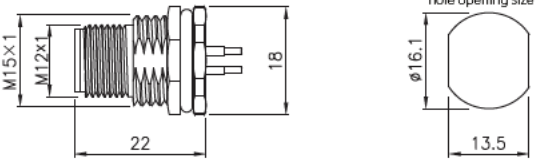

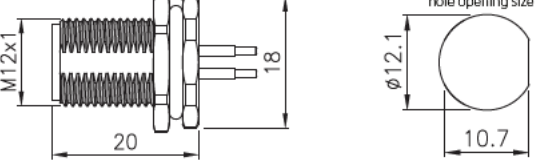

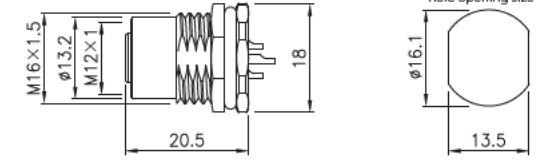

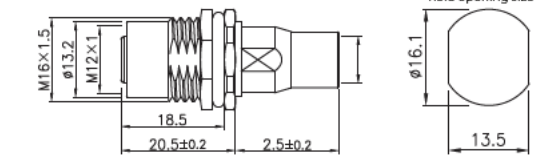

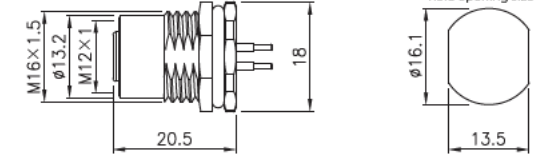
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G	M12-00 2	A: 2 3 4 5 6 8 2	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
		B: 5B D: 4D										
	<p>M 2 S ag ema e P as c P ug (Screw)</p> <p>M12 0013 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00 3 G9 M 2-00 4</td> <td>A: 2 3 4 5 8</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	G	M 2-00 3 G9 M 2-00 4	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	<p>PG7/PG9</p> <p>φ20</p> <p>M12x1</p> <p>55~59</p> <p>Max. φ8</p>					
G	M 2-00 3 G9 M 2-00 4	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
	<p>M 2 S ag Ma e P as c P ug (Screw)</p> <p>M12 0015 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00 5 G9 M 2-00 6</td> <td>A: 2 3 4 5 8</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	G	M 2-00 5 G9 M 2-00 6	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	<p>PG7/PG9</p> <p>φ20</p> <p>M12x1</p> <p>58~63</p> <p>Max. φ8</p>					
G	M 2-00 5 G9 M 2-00 6	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
	<p>M 2 A g ed ema e P as c P ug (Screw)</p> <p>M12 0017 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00 G9 M 2-00 8</td> <td>A: 2 3 4 5 8</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	G	M 2-00 G9 M 2-00 8	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	<p>~38</p> <p>~36</p> <p>φ20</p> <p>M12x1</p> <p>PG7/PG9</p> <p>Max. φ8</p>					
G	M 2-00 G9 M 2-00 8	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
	<p>M 2 A g ed Ma e P as c P ug (Screw)</p> <p>M12 0019 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-00 9 G9 M 2-0020</td> <td>A: 2 3 4 5 8</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	G	M 2-00 9 G9 M 2-0020	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	<p>~43</p> <p>~36</p> <p>φ20</p> <p>M12x1</p> <p>PG7/PG9</p> <p>Max. φ8</p>					
G	M 2-00 9 G9 M 2-0020	A: 2 3 4 5 8	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
	<p>M 2 S ag ema e P as c P ug (Solder)</p> <p>M12 0021 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-002</td> <td>A: 2 3 4 5 6 8 12 17</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td></td> <td>D: 4D B: 5B</td> <td></td> <td></td> </tr> </table>	G	M 2-002	A: 2 3 4 5 6 8 12 17	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			D: 4D B: 5B			<p>53.4</p> <p>Max. φ8</p> <p>φ16.5</p> <p>M12x1</p>
G	M 2-002	A: 2 3 4 5 6 8 12 17	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
		D: 4D B: 5B										
	<p>M 2 S ag Ma e P as c P ug (Solder)</p> <p>M12 0022 05 A 0 00000</p> <table border="1"> <tr> <td>G</td> <td>M 2-0022</td> <td>A: 2 3 4 5 6 8 12 17</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td></td> <td>D: 4D B: 5B</td> <td></td> <td></td> </tr> </table>	G	M 2-0022	A: 2 3 4 5 6 8 12 17	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			D: 4D B: 5B			<p>53.9</p> <p>φ8 max</p> <p>φ16.5</p> <p>M12x1</p>
G	M 2-0022	A: 2 3 4 5 6 8 12 17	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)								
		D: 4D B: 5B										


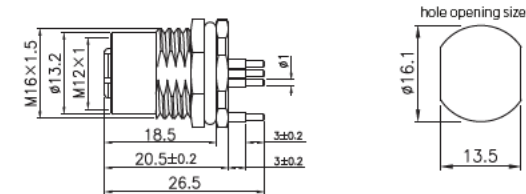

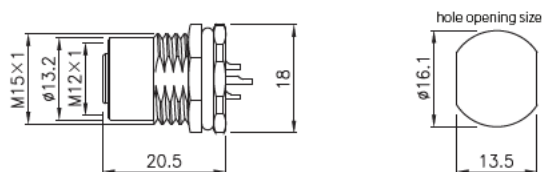

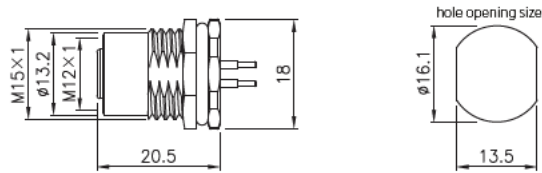

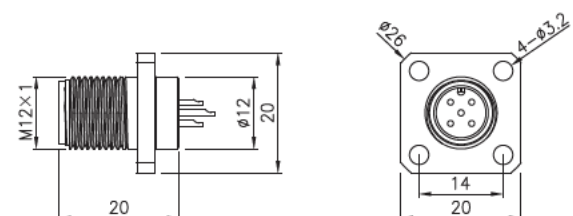
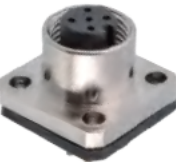
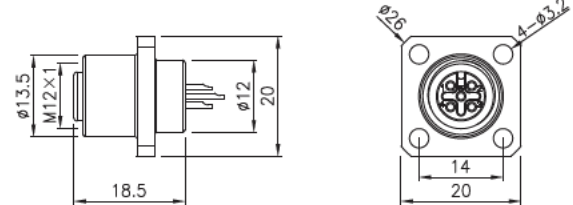

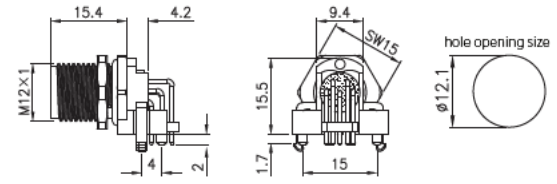

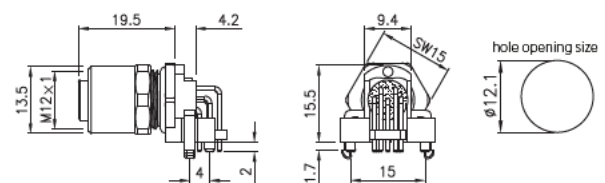
PRODUCT	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M 2 S a g e m a e o v e m o d e d p u g M12_0023_06 A 0 00000 NS M 2-0023 S D M 2-0024 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 S a g M a e o v e m o d e d p u g M12_0025_06 A 0 00000 NS M 2-0025 S D M 2-0026 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 A g e d e m a e o v e m o d e d p u g M12_0027_04 A 0 00000 NS M 2-0027 S D M 2-0028 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 A g e d M a e o v e m o d e d p u g M12_0029_04 A 0 00000 NS M 2-0029 S D M 2-0030 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 S a g e m a e o v e m o d e d p u g (with damping) M12_0031_04 A 0 00000 NS M 2-0031 S D M 2-0032 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 S a g M a e o v e m o d e d p u g (with damping) M12_0033_04 A 0 00000 NS M 2-0033 S D M 2-0034 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Unshielded Shielded 	M 2 S a g e m a e o v e m o d e d p u g (Plastic nut, Unshielded) M12_0039_05 A 0 00000 NS M 2-0039 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	


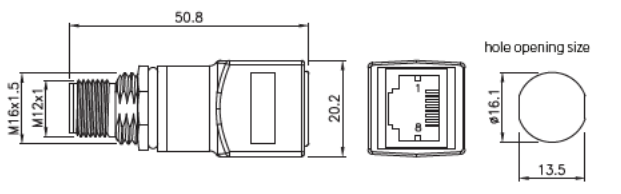

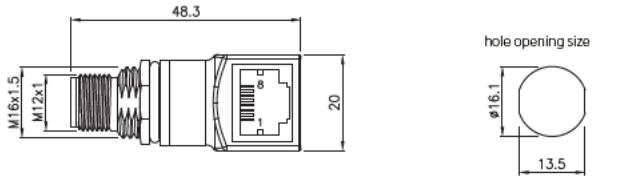

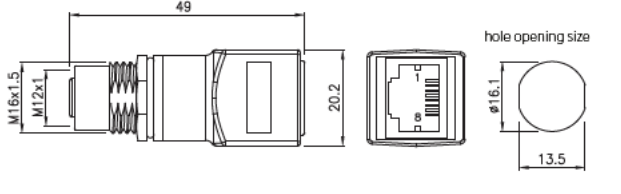

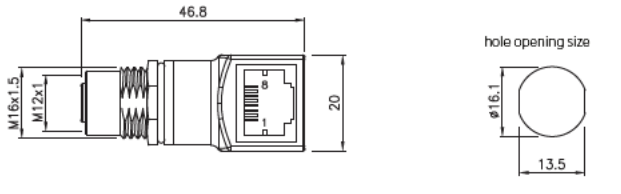

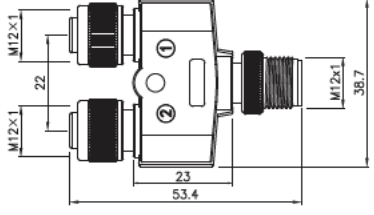

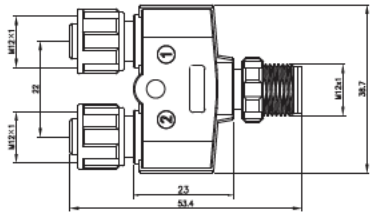

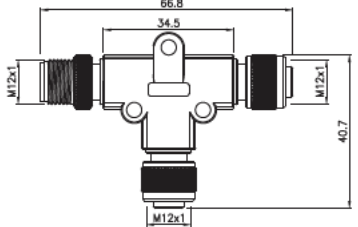
PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS																
	<p>M 2 S a g Ma e ove mo ed p ug (Plastic nut, Unshielded)</p> <p>M12_0040 05 A 0 00000</p> <table border="1"> <tr> <td>NS M 2-0040</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	NS M 2-0040	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: $\phi 15$, M12x1, 48.5</p>
NS M 2-0040	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 A g ed ema e ove mo ded p ug (Plastic nut, Unshielded)</p> <p>M12_0041 05 A 0 00000</p> <table border="1"> <tr> <td>NS M 2-0041</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	NS M 2-0041	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: 36, 30.5, M12x1, $\phi 15$</p>
NS M 2-0041	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 A g ed Ma e ove mo ed p ug (Plastic nut, Unshielded)</p> <p>M12_0042 05 A 0 00000</p> <table border="1"> <tr> <td>NS M 2-0042</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	NS M 2-0042	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: 34.2, 31, M12x1, $\phi 15$</p>
NS M 2-0042	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 ema e o 2 ove mo ded p ug</p> <p>M12_0043 05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-0043</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-0043	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: $\phi 14.5$, M12x1, 53.2</p>
No M 2-0043	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 Ma e o 2 ove mo ded p ug</p> <p>M12_0044 05 A 0 00000</p> <table border="1"> <tr> <td>No M12-0044</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M12-0044	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: $\phi 14.5$, M12x1, 55.4</p>
No M12-0044	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
<p>Screw M16x1. Screw PG9</p> 	<p>M 2 Ma e Back astened Socke (Solder)</p> <p>M12_0045 04 A 0 00000</p> <table border="1"> <tr> <td>M16x1 : M1 -004 PG9: M1 -0046</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -004 PG9: M1 -0046	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: 18, M12x1, M16x1.5, 22, hole opening size, $\phi 16.1$, 13.5</p>
M16x1 : M1 -004 PG9: M1 -0046	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 Ma e Back astened Socke (Solder Screw M1 *1)</p> <p>M12_0047 05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-0047</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-0047	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Dimensions: 18, M12x1, M12x1, 22, hole opening size, $\phi 12.1$</p>
No M 2-0047	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	


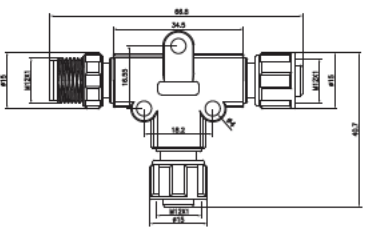

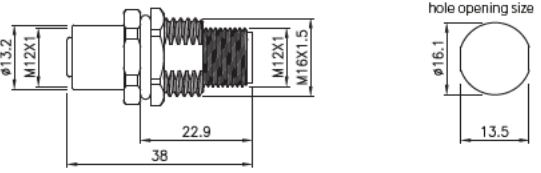

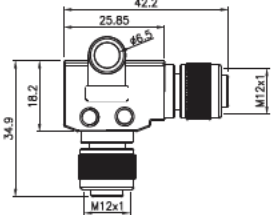

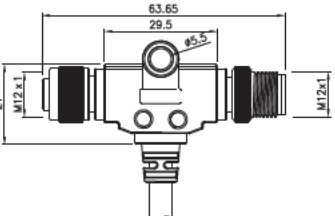

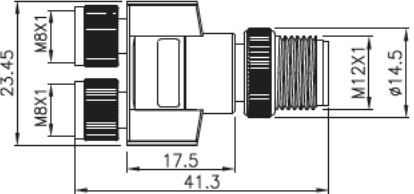

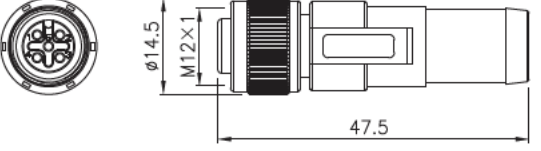

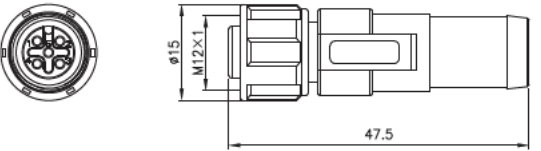
PRODUCT	NAME/TYPE No.	DIMENSIONS	
Screw M16x1. Screw PG9 	M 2 Ma e Back astened Socke (PCB) M12_0048_05 A 0 00000 M16x1 : M1 -0048 PG9: M1 -0049 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D - VC 2- R 3-T 4-R 5- TFE L(mm)		
	M 2 Ma e Back as ened Socke (PCB Screw M1 *1) M12_0050_05 A 0 00000 No M 2-0050 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D 1-PVC 2- R 3-T 4-R 5- TFE L(mm)		
	M 2 Ma e Back as ened Socke (Solder Screw M1 *1) Plastic type M12_0051_05 A 0 00000 No M 2-005 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)		
Screw M16x1. Screw PG9 	M 2 ema e Back as ened Socke (Solder) M12_0052_08 A 0 00000 M16x1 M1 -00 PG9 M1 -00 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)		
	M 2 ema e Back as ened Socke (Solder Screw M1 *1) M12_0054_05 A 0 00000 No M 2-0054 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)		
	M 2 ema e Back as ened Socke (Solder Screw M1 *1) Plastic type M12_0055_05 A 0 00000 No M 2-0055 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)		
	M 2 ema e Back as ened Socke (PCB Screw M1 *1) M12_0058_05 A 0 00000 No M 2-0058 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D - VC 2- R 3-T 4-R 5- TFE L(mm)		


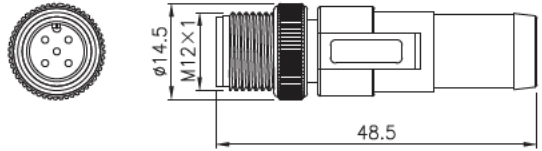

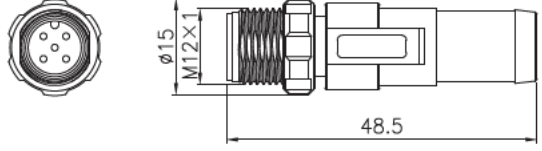
PRODUCT	NAME/TYPE NO.	DIMENSIONS								
Screw M16x1. Screw PG9 	M 2 Male Front as ened Socket (Solder) <p style="text-align: center;">M12 0059 05 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">M16x1 : M1 -00 9 PG9 M1 -0060</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -00 9 PG9 M1 -0060	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
M16x1 : M1 -00 9 PG9 M1 -0060	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
	M 2 Male Front as ened Socket (Solder Screw M1 *1) <p style="text-align: center;">M12 0061 05 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">No M 2-006</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-006	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
No M 2-006	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
Screw M16x1. Screw PG9 	M 2 Male Front as ened Socket (Solder, Shielded) <p style="text-align: center;">M12 0062 05 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">M16x1 : M1 -006 PG9 M1 -006</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -006 PG9 M1 -006	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
M16x1 : M1 -006 PG9 M1 -006	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
Screw M16x1. Screw PG9 	M 2 Male Front as ened Socket (PCB) <p style="text-align: center;">M12 0065 12 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">M16x1 : M1 -006 PG9: M1 -0066</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2- R 3-T 4-R 5- TFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -006 PG9: M1 -0066	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
M16x1 : M1 -006 PG9: M1 -0066	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
	M 2 Male Front as ened Socket (PCB Screw M1 *1) <p style="text-align: center;">M12 0067 08 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">No M 2-006</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">1-PVC 2- R 3-T 4-R 5- TFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-006	A: 2 3 4 5 6 8 2 7	1-PVC 2- R 3-T 4-R 5- TFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
No M 2-006	A: 2 3 4 5 6 8 2 7	1-PVC 2- R 3-T 4-R 5- TFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
Screw M16x1. Screw PG9 	M 2 Male Front as ened Socket (PCB, Grounded type) <p style="text-align: center;">M12 0068 12 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">M16x1 : M1 -0068 PG9: M1 -0069</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2- R 3-T 4-R 5- TFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -0068 PG9: M1 -0069	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
M16x1 : M1 -0068 PG9: M1 -0069	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									
	M12 Male Front as ened Socket (PCB Screw M1 *1 Grounded type) <p style="text-align: center;">M12 0070 08 A 0 00000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">No M 2-00 0</td> <td style="width: 20%;">A: 2 3 4 5 6 8 2 7</td> <td style="width: 20%;">VC 2- R 3-T 4-R 5- TFE</td> <td style="width: 20%;">L(mm)</td> </tr> <tr> <td></td> <td>B: 5B C: 3C 4C 5C 6C D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-00 0	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)		B: 5B C: 3C 4C 5C 6C D: 4D			
No M 2-00 0	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L(mm)							
	B: 5B C: 3C 4C 5C 6C D: 4D									

PRODUCT FIGURE		DIMENSIONS																
	<p>M 2 Ma e ront as ened Socket (Solder Screw M1 *1) Plastic type</p> <p>M12_0071_05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-00</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-00	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
No M 2-00	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 Ma e ront as ened Socket (Solder Screw M1 *1) Plastic type</p> <p>M12_0072_05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-00 2</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-00 2	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
No M 2-00 2	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 Ma e ront as ened Socket (PCB Screw M1 *1) Plastic type</p> <p>M12_0073_05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-00 3</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2- R 3-T 4-R 5- TFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-00 3	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
No M 2-00 3	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2 Ma e ront as ened Socket (PCB Screw M1 *1) Plastic type</p> <p>M12_0074_12 A 0 00000</p> <table border="1"> <tr> <td>No M 2-00 4</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2- R 3-T 4-R 5- TFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-00 4	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
No M 2-00 4	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
<p>Screw M16x1. Screw PG9</p> 	<p>M 2 Ma e ront as ened Socket (Solder)</p> <p>M12_0075_05 A 0 00000</p> <table border="1"> <tr> <td>M16x1 : M1 -007 PG9: M1 -0076</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -007 PG9: M1 -0076	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
M16x1 : M1 -007 PG9: M1 -0076	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
<p>Screw M16x1. Screw PG9</p> 	<p>M 2 Ma e ront as ened Socket (Solder, Shielded)</p> <p>M12_0077_05 A 0 00000</p> <table border="1"> <tr> <td>M16x1 : M1 -0077 PG9: M1 -0078</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -0077 PG9: M1 -0078	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
M16x1 : M1 -0077 PG9: M1 -0078	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
<p>Screw M16x1. Screw PG9</p> 	<p>M 2 Ma e ront as ened Socket (PCB)</p> <p>M12_0079_05 A 0 00000</p> <table border="1"> <tr> <td>M16x1 : M1 -0079 PG9: M1 -0080</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2- R 3-T 4-R 5- TFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	M16x1 : M1 -0079 PG9: M1 -0080	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			
M16x1 : M1 -0079 PG9: M1 -0080	A: 2 3 4 5 6 8 2 7	VC 2- R 3-T 4-R 5- TFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	


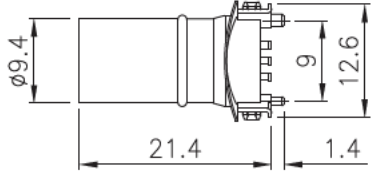

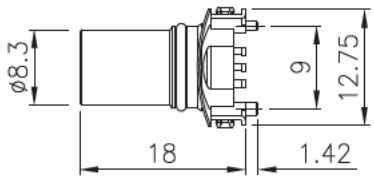
PRODUCT	NAME/TYPE No.	DIMENSIONS
Screw M16x1. Screw PG9 	M 2 ema e ront as ened Socke (PCB, Grounded type) M12_0081_04 A 0 00000 M16x1 : M1 -0081 PG9: M1 -008 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D - VC 2- R 3-T 4-R 5- TFE L(mm)	
	M 2 ema e ont as ened Socke (Solder Screw M1 *1) Plastic type M12_0083_05 A 0 00000 No M1 -0083 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
	M 2 ema e ont as ened Socke (PCB Screw M1 *1) Plastic type M12_0084_04 A 0 00000 No M1 -0084 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D - VC 2- R 3-T 4-R 5- TFE L(mm)	
	M 2 Ma e Squa e lange Socke (Solder 14*14) M12_0085_05 A 0 00000 No M 2-0085 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
	M 2 ema e Squa e lange Socke (Solder 14*14) M12_0086_05 A 0 00000 No M 2-0086 A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D VC 2-PUR 3-TPU 4-RU 5-PTFE L(mm)	
Ungrounded Grounded 	M 2 A ged Ma e ont as ened Socke (PCB Screw M1 *1) M12_0087_12 A 0 00000 GND M 2-008 GND M 2-0088 A: 2 3 4 5 6 8 2 7 B: 5B D: 4D 1-PVC 2- R 3-T 4-R 5- TFE L(mm)	
Ungrounded Grounded 	M 2 A ged ema e Back as ened Socke (PCB Screw M1 *1) M12_0089_04 A 0 00000 GND M 2-0089 GND M 2-0090 A: 2 3 4 5 6 8 2 7 B: 5B D: 4D 1-PVC 2- R 3-T 4-R 5- TFE L(mm)	






PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS
	<p>M 2 Mae o S ag RJ45 Adap e</p> <p>M12_0093 04 A 0 00000</p> <p>No M 2-0093</p> <p>A: 4 8 D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>50.8</p> <p>20.2</p> <p>hole opening size</p> <p>16x1.5</p> <p>12x1</p> <p>16.1</p> <p>13.5</p>
	<p>M 2 Mae o A g ed RJ45 Adap e</p> <p>M12_0094 04 A 0 00000</p> <p>No M 2-0094</p> <p>A: 4 8 D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>48.3</p> <p>20</p> <p>hole opening size</p> <p>16x1.5</p> <p>12x1</p> <p>16.1</p> <p>13.5</p>
	<p>M 2 ema e o S ag RJ45 Adap e</p> <p>M12_0095 04 A 0 00000</p> <p>No M 2-0095</p> <p>A: 4 8 D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>49</p> <p>20.2</p> <p>hole opening size</p> <p>16x1.5</p> <p>12x1</p> <p>16.1</p> <p>13.5</p>
	<p>M 2 ema e o A g ed RJ45 Adap e</p> <p>M12_0096 04 A 0 00000</p> <p>No M 2-0096</p> <p>A: 4 8 D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>46.8</p> <p>20</p> <p>hole opening size</p> <p>16x1.5</p> <p>12x1</p> <p>16.1</p> <p>13.5</p>
	<p>M 2 Y Type Adap e (PSS)</p> <p>M12_0097 04 A 0 00000</p> <p>No M1 -009</p> <p>A: 2 3 4 5 6 8 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>12x1</p> <p>22</p> <p>12x1</p> <p>38.7</p> <p>23</p> <p>53.4</p>
	<p>M 2 Y Type Adap e (Plastic, PSS)</p> <p>M12_0098 05 A 0 00000</p> <p>No M1 -0098</p> <p>A: 2 3 4 5 6 8 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>12x1</p> <p>22</p> <p>12x1</p> <p>38.7</p> <p>23</p> <p>53.4</p>
	<p>M 2 T Type Adap e (PSS)</p> <p>M12_0099 05 A 0 00000</p> <p>No M 2-0099</p> <p>A: 2 3 4 5 6 8 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>66.8</p> <p>34.5</p> <p>40.7</p> <p>12x1</p> <p>12x1</p> <p>12x1</p>

PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS
	<p>M 2 T Type Adapter (Plastic, PSS)</p> <p>M12_0100_05_A_0_00000</p> <p>No M1 -0 00</p> <p>A: 2 3 4 5 6 8 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	
	<p>M 2 I Type Adapter (PS)</p> <p>M12_0101_05_A_0_00000</p> <p>No M1 -0 0</p> <p>A: 2 3 4 5 6 8 2 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>hole opening size</p> <p>ø13.2</p> <p>ø16.1</p> <p>13.5</p> <p>22.9</p> <p>38</p>
	<p>M 2 Type Adapter (SS)</p> <p>M12_0102_03_A_0_00000</p> <p>No M1 -0 02</p> <p>A: 2 3 4 5 6 8 B: 5B D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>42.2</p> <p>25.85</p> <p>ø6.5</p> <p>18.2</p> <p>34.9</p> <p>M12x1</p> <p>M12x1</p>
	<p>M 2 T Type Cable type (PS)</p> <p>M12_0103_03_A_0_00000</p> <p>No M1 -0 03</p> <p>A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>63.65</p> <p>29.5</p> <p>ø5.5</p> <p>21</p> <p>M12x1</p> <p>M12x1</p>
	<p>M 2 oM8 Y Type Adapter (PSS)</p> <p>M12_0104_04_A_0_00000</p> <p>No M 2-0 04</p> <p>A: 4</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>23.45</p> <p>MBX1</p> <p>MBX1</p> <p>17.5</p> <p>41.3</p> <p>M12x1</p> <p>ø14.5</p>
	<p>M 2 eaeO mem a plug 00</p> <p>M12_0105_05_A_0_00000</p> <p>No M1 -0 05</p> <p>A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>ø14.5</p> <p>M12x1</p> <p>47.5</p>
	<p>M 2 eaeO mem a plug 00 (Plastic type)</p> <p>M12_0106_05_A_0_00000</p> <p>No M 2-0 06</p> <p>A: 2 3 4 5 6 8 2 7 B: 5B C: 3C 4C 5C 6C D: 4D</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>ø15</p> <p>M12x1</p> <p>47.5</p>

PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS																
	<p>M 2Ma eO m e m a pug1 00</p> <p>M12 0107 05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-0 0</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-0 0	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Ø14.5 M12X1 48.5</p>
No M 2-0 0	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2Ma eO m e m a pug1 00 (Plastic type)</p> <p>M12 0108 05 A 0 00000</p> <table border="1"> <tr> <td>No M1 -0 08</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M1 -0 08	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Ø15 M12X1 48.5</p>
No M1 -0 08	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	

M12 MD RECEPTACLE ASSEMBLY

	<p>M 2Ma e SMD Type Socket</p> <p>M12 0091 05 A 0 00000</p> <table border="1"> <tr> <td>No M1 -009</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M1 -009	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Ø9.4 21.4 9 12.6 1.4</p>
No M1 -009	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	
	<p>M 2ema e SMD Type Socket</p> <p>M12 0092 05 A 0 00000</p> <table border="1"> <tr> <td>No M 2-0092</td> <td>A: 2 3 4 5 6 8 2 7</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> <tr> <td></td> <td>B: 5B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>C: 3C 4C 5C 6C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>D: 4D</td> <td></td> <td></td> </tr> </table>	No M 2-0092	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)		B: 5B				C: 3C 4C 5C 6C				D: 4D			 <p>Ø8.3 18 9 12.75 1.42</p>
No M 2-0092	A: 2 3 4 5 6 8 2 7	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)															
	B: 5B																	
	C: 3C 4C 5C 6C																	
	D: 4D																	

				
Back as ened Ma e S e (Sc ew M 2*)	Back as ened ema e S e (Sc ew M 2*)	ont as ened Ma e S e (Sc ew M 2*)	ront as ened Ma e S e (Sc ew M 5*)	ront as ened ema e S e (Sc ew M 5*)
M12 0091 00 0 0 00001	M12 0092 00 0 0 00001	M12 0091 00 0 0 00002	M12 0091 00 0 0 00003	M12 0092 00 0 0 00002

M12 DUST COVER

M 2 P as c Dus Cove (e s c ew)		M 2 Me a Dus Cove (e s c ew)			
	R ng nner d ameter	No		R ng nner d ameter	No
	φ 3mm	M12-0109 000000001		φ 3mm	M12-0111 000000001
	φ 11 mm	M12-0109 000000002		φ 12mm	M12-0111 000000002
	φ 13mm	M12-0109 000000003		φ 16mm	M12-0111 000000003
	φ 1 mm	M12-0109 000000004			
M 2 P as c Dus Cove (Ou e s c ew)		M 2 Me a Dus Cove (Ou e s c ew)			
	R ng nner d ameter	No		R ng nner d ameter	No
	φ 3mm	M12-0110 000000001		φ 3mm	M12-0112 000000001
	φ 11 mm	M12-0110 000000002		φ 12mm	M12-0112 000000002
	φ 13mm	M12-0110 000000003		φ 16mm	M12-0112 000000003
	φ 1 mm	M12-0110 000000004			
P as c Dus Cove (Ou e s c ew)					
	R ng nner d ameter	No			
	φ M12	M12-016 000000001			

M12 PCB PINS ARRANGEMENT

Pins	2A	3A	4A	4D	5A
Male PCB Pins Arrangement					
	5B	6A	8A	12A	17A
Pins	2A	3A	4A	4D	5A
Female PCB Pins Arrangement					
	5B	6A	8A	12A	17A

M12 ELECTRICAL PARAMETERS

Pins	Male				Rated current	Rated voltage		Conductor size		Female			
	A	B	C	D		A/C	D/C	AWG	mm ²	A	B	C	D
2					4A	250V	250V	22	0.34				
3					4A	250V	250V	22	0.34				
4					4A	250V	250V	22	0.34				
5					4A(A-Code) (B-Code) 2A(C-Code)	60V	60V	22	0.34				
6					2A	30V	30V	24	0.25				
8					2A	30V	30V	24	0.25				
12					1.5A	30V	30V	26	0.14				
17					1.5A	30V	30V	26	0.14				

M12 WIRE DEFINITION

Pins	Wire core color	
	2(Pins)	
1	BN	
2	-	
3	BU	

Pins	Wire core color	
	3(Pins)	
1	BN	
2	-	
3	BU	
4	BK	

Pins	Wire core color					
	4A(4 Pins A-Code)		4B(4 Pins B-Code)		4D(4 Pins D-Code)	
1	BN		BN		YE	
2	WH		WH		WH	
3	BU		BU		OG	
4	BK		BK		BU	

Pins	Wire core color			
	5A(5 Pins A-Code)		5B(5 Pins B-Code)	
1	BN		BN	
2	WH		WH	
3	BU		BU	
4	BK		BK	
5	GY		GY	


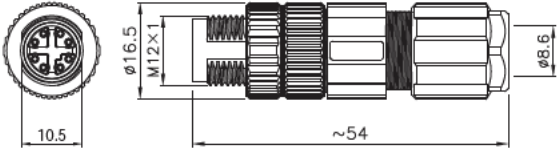

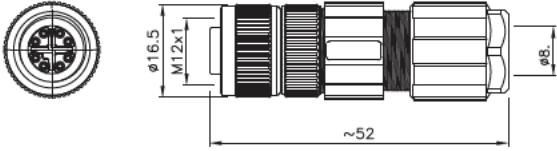

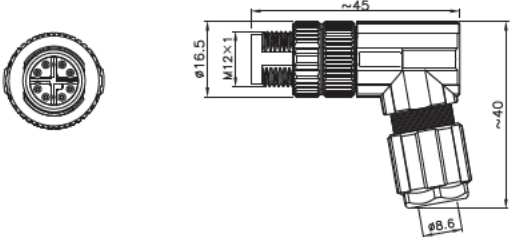

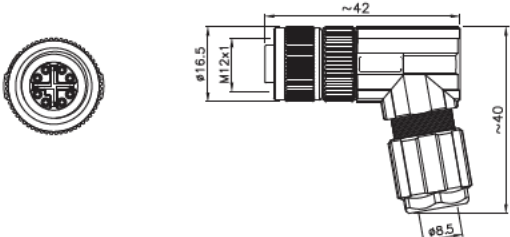

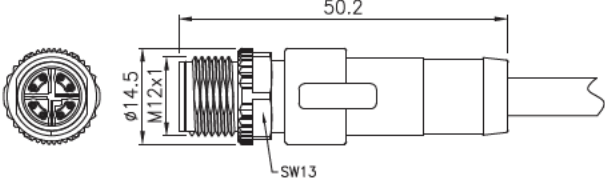

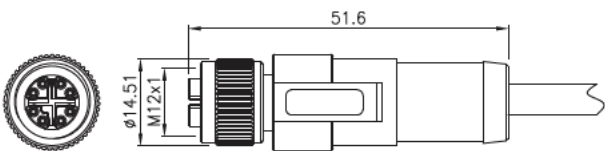
Pins	Wire core color	
	12(Pins)	
1	BN	
2	BU	
3	WH	
4	GN	
5	PK	
6	YE	
7	BK	
8	GY	
9	RD	
10	VT	
11	OG	
12	LTGN	


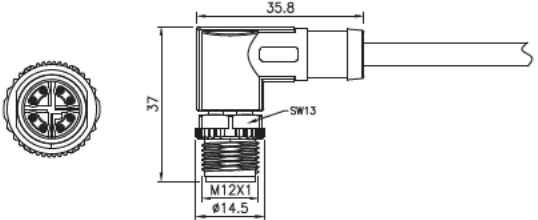

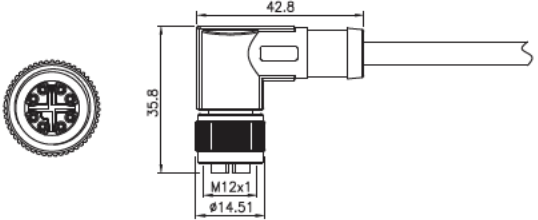

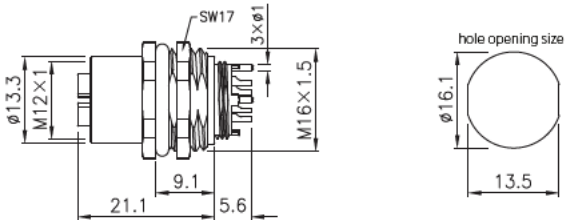

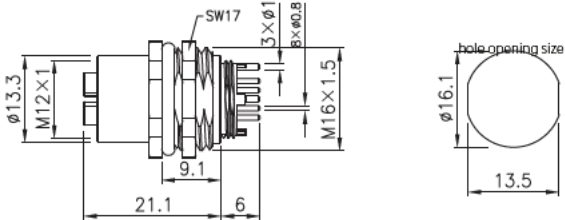

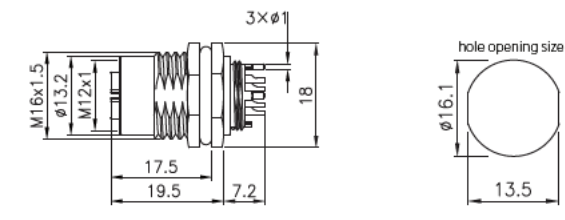

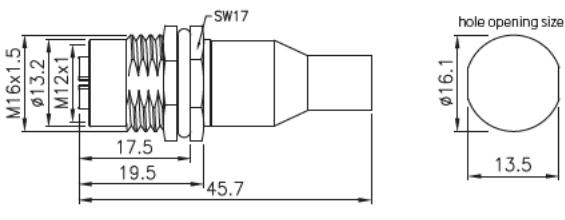

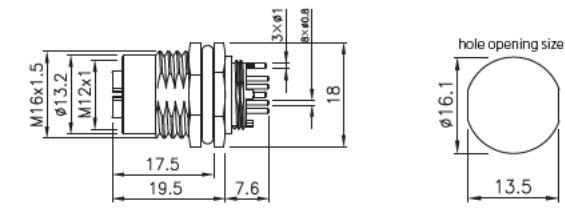

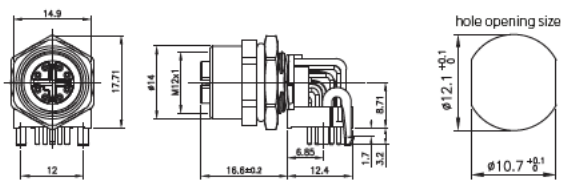
Pins	Wire core color	
	17(Pins)	
1	BN	
2	BU	
3	WH	
4	GN	
5	PK	
6	YE	
7	BK	
8	GY	
9	RD	
10	VT	
11	OG	
12	LTGN	
13	LTBU	
14	BKWH	
15	BNWH	
16	RDWH	
17	BUWH	


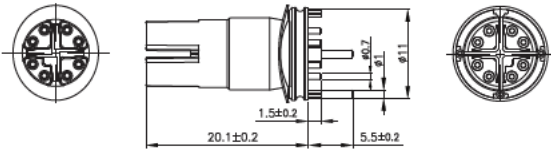

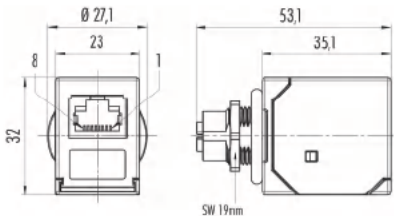

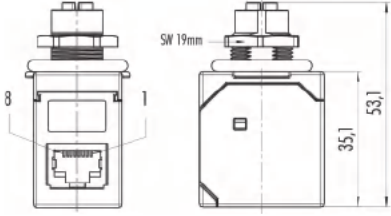
Pins	Wire core color	
	6(Pins)	
1	BN	
2	WH	
3	BU	
4	BK	
5	-	
6	GY	
7	RD	

Pins	Wire core color	
	8(Pins)	
1	WH	
2	BN	
3	GN	
4	YE	
5	GY	
6	PK	
7	BU	
8	RD	

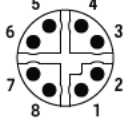
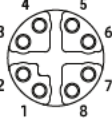
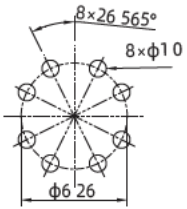


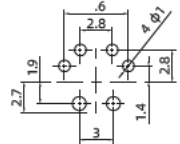
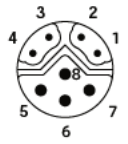

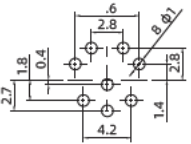
M12 DATA TYPE -- X CODE/Y CODE

PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS
	<p>M 2 S a g Ma e Me a P ug (Crimp) PG7 for Data</p> <p>M12_0113 08 X 0 00000</p> <ul style="list-style-type: none"> No M1 -0 3 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	
	<p>M 2 S a g e Ma e Me a P ug (Crimp) PG7 for Data</p> <p>M12_0114 08 X 0 00000</p> <ul style="list-style-type: none"> No M1 -0 4 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	
	<p>M 2 A g ed Ma e Me a P ug (Crimp) PG7 for Data</p> <p>M12_0115 08 X 0 00000</p> <ul style="list-style-type: none"> No M 2-0 5 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	
	<p>M 2 A g ed e Ma e Me a P ug (Crimp) PG7 for Data</p> <p>M12_0116 08 X 0 00000</p> <ul style="list-style-type: none"> No M 2-0 6 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	
	<p>M12 Straight Male overmolded plug (Data Type, Shielded)</p> <p>M12_0117 08 X 0 00000</p> <ul style="list-style-type: none"> No M 2-0 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	
	<p>M 2 S a g e Ma e ove mo ed p ug (Data Type, Shielded)</p> <p>M12_0118 08 X 0 00000</p> <ul style="list-style-type: none"> No M1 -0 8 X: 8X Y: 6Y 8Y VC <ul style="list-style-type: none"> 2-PUR 3-TPU 4-RU 5-PTFE L (mm) 	

















PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	<p>M 2 A g ed Ma e ove mo ded p ug (Data Type, Shielded)</p> <p>M12_0119 08 X 0 00000</p> <p>No M 2-0 9</p> <p>X: 8X Y: 6Y 8Y</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>35.8</p> <p>37</p> <p>SW13</p> <p>M12x1</p> <p>∅14.5</p>
	<p>M 2 A g ed ema e ove mo ed p ug (Data Type, Shielded)</p> <p>M12_0120 08 X 0 00000</p> <p>No M 2-0 20</p> <p>X: 8X Y: 6Y 8Y</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>42.8</p> <p>35.8</p> <p>M12x1</p> <p>∅14.51</p>
	<p>M 2 ema e Back astened Socke (Data Type) (Solder Screw M16*1)</p> <p>M12_0121 08 X 0 00000</p> <p>No M1 -0 2</p> <p>X: 8X Y: 6Y 8Y</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>SW17</p> <p>3×∅1</p> <p>∅13.3</p> <p>M12×1</p> <p>9.1</p> <p>5.6</p> <p>21.1</p> <p>M16×1.5</p> <p>hole opening size</p> <p>∅16.1</p> <p>13.5</p>
	<p>M 2 ema e Back astened Socke (PCB Screw M16*1)</p> <p>M12_0122 08 X 0 00000</p> <p>No M1 -0 22</p> <p>X: 8X Y: 6Y 8Y</p> <p>1-PVC 2-PUR -TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>SW17</p> <p>3×∅1</p> <p>8×∅0.8</p> <p>∅13.3</p> <p>M12×1</p> <p>9.1</p> <p>6</p> <p>21.1</p> <p>M16×1.5</p> <p>hole opening size</p> <p>∅16.1</p> <p>13.5</p>
	<p>ema e ront astened Socke (Data Type) (Solder Screw M16*1)</p> <p>M12_0123 08 X 0 00000</p> <p>No M1 -0 23</p> <p>X: 8X Y: 6Y 8Y</p> <p>1-PVC 2-PUR -TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>3×∅1</p> <p>M16x1.5</p> <p>∅13.2</p> <p>M12x1</p> <p>17.5</p> <p>19.5</p> <p>7.2</p> <p>18</p> <p>hole opening size</p> <p>∅16.1</p> <p>13.5</p>
	<p>M 2 ema e ront astened Socke (Solder Screw M16*1 Shielded)</p> <p>M12_0124 08 X 0 00000</p> <p>No M 2-0 24</p> <p>X: 8X Y: 6Y 8Y</p> <p>VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>SW17</p> <p>M16x1.5</p> <p>∅13.2</p> <p>M12x1</p> <p>17.5</p> <p>19.5</p> <p>45.7</p> <p>hole opening size</p> <p>∅16.1</p> <p>13.5</p>
	<p>M 2 ema e ront astened Socke (PCB, Data Type) (Screw M16*1 Grounded)</p> <p>M12_0125 08 X 0 00000</p> <p>No M1 -0 25</p> <p>X: 8X Y: 6Y 8Y</p> <p>1-PVC 2-PUR -TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>3×∅1</p> <p>8×∅0.8</p> <p>M16x1.5</p> <p>∅13.2</p> <p>M12x1</p> <p>17.5</p> <p>19.5</p> <p>7.6</p> <p>18</p> <p>hole opening size</p> <p>∅16.1</p> <p>13.5</p>
	<p>M 2 A g ed ema e Socke (PCB, Data Type) (Screw M16*1 Grounded)</p> <p>M12_0127 08 X 0 00000</p> <p>No M 2-0 2</p> <p>X: 8X Y: 6Y 8Y</p> <p>1-PVC 2-PUR -TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	 <p>14.9</p> <p>17.71</p> <p>∅14</p> <p>M12x1</p> <p>16.6±0.2</p> <p>12.4</p> <p>1.2</p> <p>3.2</p> <p>8.71</p> <p>hole opening size</p> <p>∅12.1^{+0.1}</p> <p>∅10.7^{+0.1}</p>

















PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS
	<p>M 2 ema e SMD Type Socke</p> <p>M12 0129 08 X 0 00000</p> <p>No M1 -0 29 X: 8X VC Y: 6Y 8Y 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	
	<p>M 2 ema e o S ag RJ45 Adap e 80°</p> <p>M12 0130 08 X 0 00000</p> <p>No M1 -0 30 X: 8X VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	
	<p>M 2 ema e o A g ed RJ45 Adap e 90°</p> <p>M12 0131 08 X 0 00000</p> <p>No M 2-0 3 X: 8X VC 2-PUR 3-TPU 4-RU 5-PTFE</p> <p>L (mm)</p>	

M12(XY) ELECTRICAL PARAMETERS


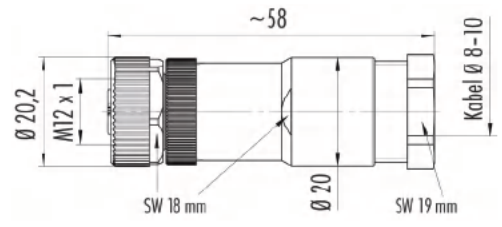

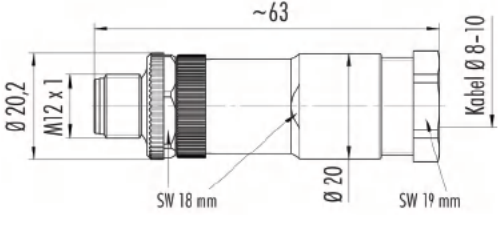

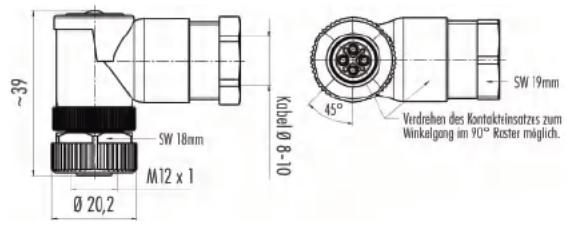

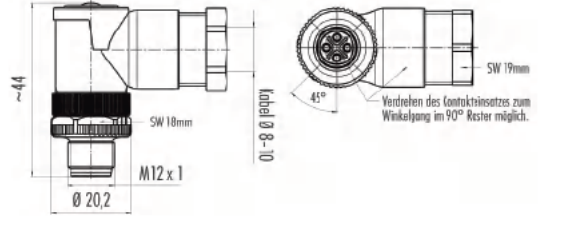

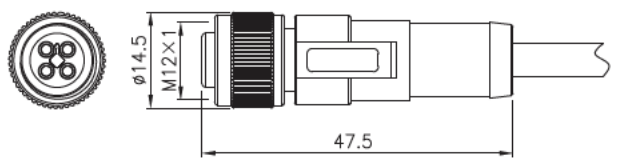

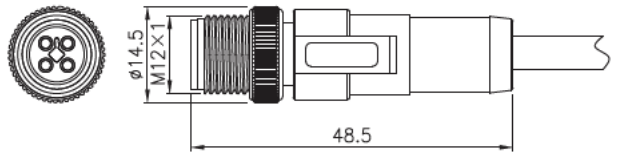
Pins	Male	Rated current	Rated voltage		Conductor size		Female	PCB Pins Arrangement
			A/C	D/C	AWG	mm ²		
8X		0.5A	50V	60V	26~24	0.14~0.25		
6Y		0.5A/12A	30V	30V	2x26AWG+ 4x20AWG	0.14~0.5		
8Y		0.5A/6A	30V	30V	4x26AWG+ 4x20AWG	0.14~0.5		


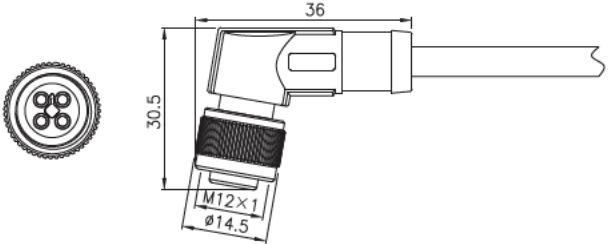

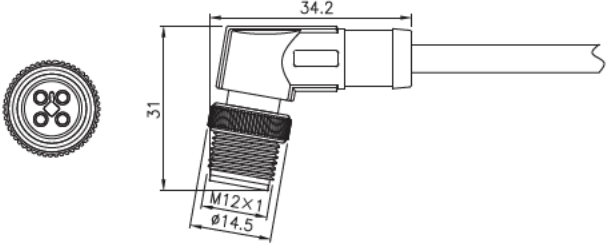

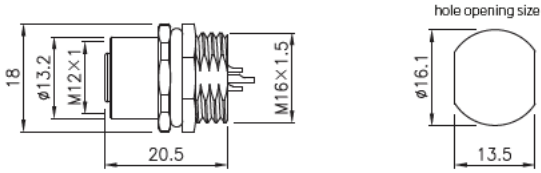

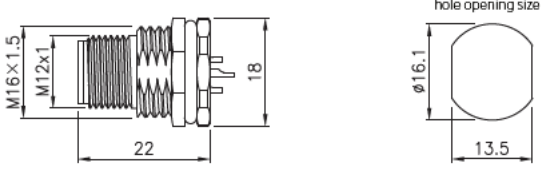

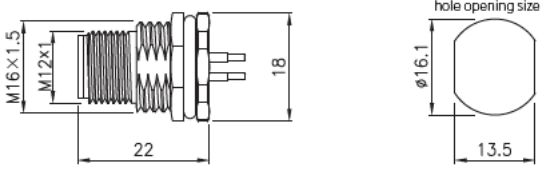

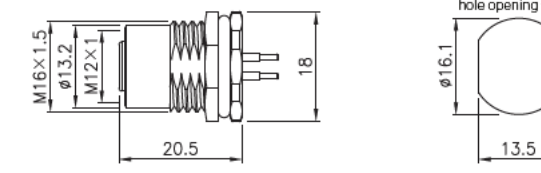

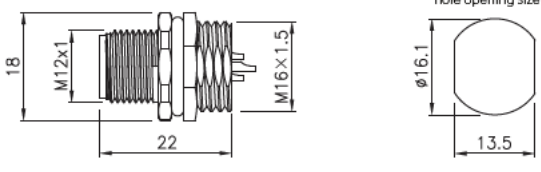
M12(XY) WIRE DEFINITION


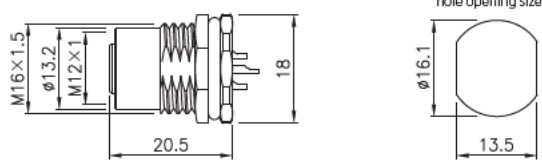

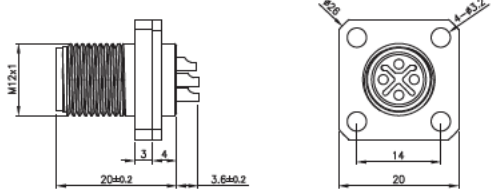

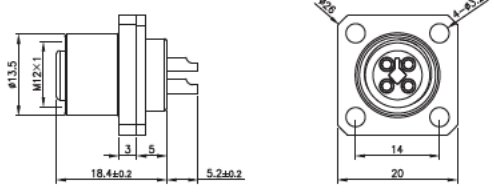
Pins	Wire core color			
8X(8 Pins X-Code)				
1	WHOG			D1+
2	OG			D1-
3	WHGN			D2+
4	GN			D2-
5	WHBN			D4+
6	BN			D4-
7	WHBU			D3-
8	BU			D3+

Pins	Wire core color			
8Y(8 Pins Y-Code)				
1	WHOG			TD+
2	OG			TD-
3	WHGN			RD+
4	GN			RD-
5	BU			
6	WH			
7	BN			
8	BK			





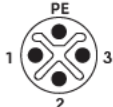

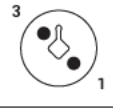
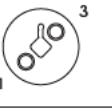
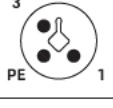

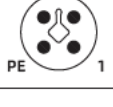

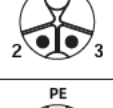

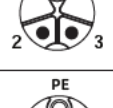
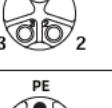
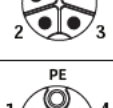
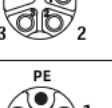
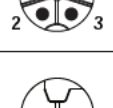
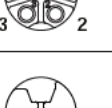
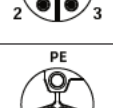
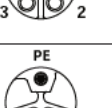
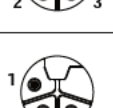

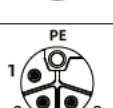
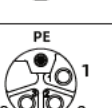


M12 POWER TYPE -- STKLM CODE

PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS				
	<p>M 2 S a g e m a e P a s c P u g (Screw) (Power Type)</p> <p>M12 0134 04 S 0 00000</p> <table border="1"> <tr> <td>PG9 M1 -01 4 PG11 M1 -01</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	PG9 M1 -01 4 PG11 M1 -01	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
PG9 M1 -01 4 PG11 M1 -01	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
	<p>M 2 S a g M a e P a s c P u g (Screw) (Power Type)</p> <p>M12 0136 04 S 0 00000</p> <table border="1"> <tr> <td>PG9 M1 -01 6 PG11 M1 -01 7</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	PG9 M1 -01 6 PG11 M1 -01 7	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
PG9 M1 -01 6 PG11 M1 -01 7	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
	<p>M 2 A g e d e m a e P a s c P u g (Solder) (Power Type) PG9</p> <p>M12 0138 04 S 0 00000</p> <table border="1"> <tr> <td>No M1 -01 8</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	No M1 -01 8	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
No M1 -01 8	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
	<p>M 2 A g e d M a e P a s c P u g (Solder) (Power Type) PG9</p> <p>M12 0139 04 S 0 00000</p> <table border="1"> <tr> <td>No M1 -01 9</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	No M1 -01 9	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
No M1 -01 9	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
<p>Unshielded Shielded</p> 	<p>M 2 S a g e m a e P a s c P u g (Power Type)</p> <p>M12 0140 04 T 0 00000</p> <table border="1"> <tr> <td>UNS: M1 -0140 SHD: M1 -0141</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	UNS: M1 -0140 SHD: M1 -0141	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
UNS: M1 -0140 SHD: M1 -0141	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
<p>Unshielded Shielded</p> 	<p>M 2 S a g M a e P a s c P u g (Power Type)</p> <p>M12 0142 04 T 0 00000</p> <table border="1"> <tr> <td>UNS: M1 -014 SHD: M1 -014</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	UNS: M1 -014 SHD: M1 -014	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
UNS: M1 -014 SHD: M1 -014	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			

PRODUCT	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M 2 A g ed ema e Ove mo ded P ug (Power Type) M12 0144 04 T 0 00000 UNS: M1 -0144 SHD: M1 -014 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
Unshielded Shielded 	M 2 A g ed Ma e Ove mo ded P ug (Power Type) M12 0146 04 T 0 00000 UNS: M1 -0146 SHD: M1 -0147 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
	M 2 ema e Back astened Socke (Solder, Power Type) (Screw M16*1) M12 0149 04 T 0 00000 No M1 -0149 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
	M 2 Ma e ont astened Socke (Solder, Power Type) (Screw M16*1) M12 0150 04 T 0 00000 No M1 -01 0 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
	M 2 Ma e ont astened Socke (PCB, Power Type) (Screw M16*1) M12 0154 04 S 0 00000 No M1 -01 4 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 1-PVC, 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
	M 2 ema e ont astened Socke (PCB, Power Type) (Screw M16*1) M12 0155 04 S 0 00000 No M1 -01 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 1-PVC, 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	
	M 2 Ma e Back astened Socke (Solder, Power Type) (Screw M16*1) M12 0156 04 L 0 00000 No M1 -01 6 S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM VC: 2-PUR, 3-TPU, 4-RU, 5-PTFE L (mm)	

PRODUCT FIGURE	NAME/TYPE No.	DIMENSIONS				
	<p>M 2 ema e ront astened Socket (Solder, Power Type) (Screw M16*1)</p> <p>M12 0157 05 L 0 00000</p> <table border="1"> <tr> <td>No M1 -01 7</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	No M1 -01 7	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
No M1 -01 7	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
	<p>M 2 Ma e Squa e linge Socket (Solder 14*14)</p> <p>M12 0161 04 S 0 00000</p> <table border="1"> <tr> <td>No M1 -0161</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	No M1 -0161	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
No M1 -0161	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			
	<p>M 2 ema e Squa e linge Socket (Solder 14*14)</p> <p>M12 0162 04 T 0 00000</p> <table border="1"> <tr> <td>No M1 -016</td> <td>S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM</td> <td>VC 2-PUR 3-TPU 4-RU 5-PTFE</td> <td>L (mm)</td> </tr> </table>	No M1 -016	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)	
No M1 -016	S: 2S, 2PS, 3PS T: 2T, 2PT, 3PT K: 2K, 2PK, 3PK, 4PK L: 2L, 2FL, 3L, 3FL, 4L, 4FL M: 2M, 2PM, 3PM, 4PM, 5PM	VC 2-PUR 3-TPU 4-RU 5-PTFE	L (mm)			

M12(STLKM) ELECTRICAL PARAMETERS

Interface Code type	Pins	Male	Rated current	Rated voltage		Conductor size		Female
				A/C	D/C	AWG	mm ²	
S-Code	2		12A	630V	630V	16	1.5	
	2+PE		12A	630V	630V	16	1.5	
	3+PE		12A	630V	630V	16	1.5	
T-Code	2		12A	60V	60V	16	1.5	
	2+PE		12A	60V	60V	16	1.5	
	3+PE		12A	60V	60V	16	1.5	
K-Code	2		16A	800V	800V	16	2.5	
	2+PE		16A	800V	800V	16	2.5	
	3+PE		16A	800V	800V	16	2.5	
	4+PE		16A	800V	800V	16	2.5	
L-Code	2		16A	63V	63V	14	2.5	
	2+PE		16A	63V	63V	14	2.5	
	3		16A	63V	63V	14	2.5	
	3+PE		16A	63V	63V	14	2.5	

Interface Code type	Pins	Male	Rated current	Rated voltage		Conductor size		Female
				A/C	D/C	AWG	mm ²	
L-Code	4		16A	63V	63V	14	2.5	
	4+PE		16A	63V	63V	14	2.5	
M-Code	2		8A	630V	630V	16	1.5	
	2+PE		8A	630V	630V	16	1.5	
	3+PE		8A	630V	630V	16	1.5	
	4+PE		8A	630V	630V	16	1.5	
	5+PE		8A	630V	630V	16	1.5	

M12(STLKM) WIRE DEFINITION

Pins	Wire core color
	2+PE, S(S-Code)
1	BK1
2	BK2
PE	GNYE

Pins	Wire core color
	4, T(4 Pins T-Code)
1	BN
2	WH
3	BU
4	BK

Pins	Wire core color
	4+PE, K(K-Code)
1	BK1
2	BK2
3	BK3
4	BK4
PE	GNYE

Pins	Wire core color
	5+PE, M(M-Code)
1	BK1
2	BK2
3	BK3
4	BK4
5	BK5
PE	GNYE

Pins	Wire core color
	3+PE, S(S-Code)
1	BK1
2	BK2
3	BK3
PE	GNYE

Pins	Wire core color
	4/4+PE, L(L-Code)
1	BN
2	WH
3	BU
4	BK
FE*	GY

*(Omit 4 pins)