
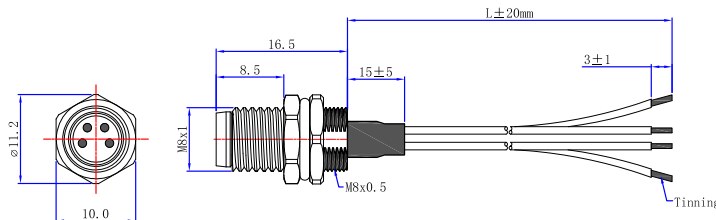

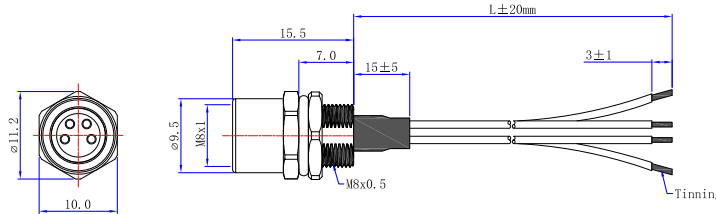


Features

- The M8 panel receptacles are ideal for compact and space sensitive industrial applications
- UL94-V0 flame retardant degree
- Protection degree: IP67
- Temperature range: -20 ... 85 °C


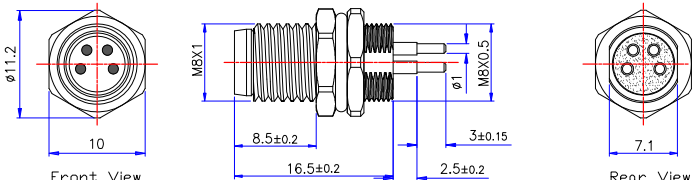

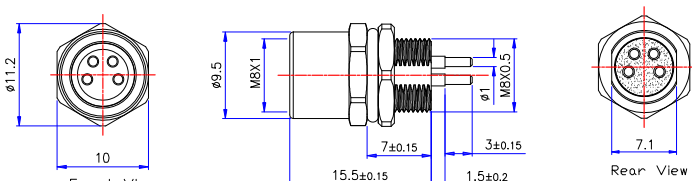
Technical Specification

Art. No.	Type	Contacts	Voltage Rating	Current Rating	Cable Length	Gender
30164645	RND 205-01120	3	60 V	3 A	500 mm	Plug
30164646	RND 205-01121	4	60 V	3 A	500 mm	Plug
30164647	RND 205-01122	6	30 V	1 A	500 mm	Plug
30164648	RND 205-01123	3	60 V	3 A	500 mm	Socket
30164649	RND 205-01124	4	60 V	3 A	500 mm	Socket
30164650	RND 205-01125	6	30 V	1 A	500 mm	Socket

Image	Drawing
 <p>M8 Plug Back Mount Connector with Wires</p>	 <p>Technical drawing showing dimensions: $\phi 11.2$, 10.0, 16.5, 8.5, $M8 \times 1$, $M8 \times 0.5$, 15 ± 0.5, $1 \pm 20 \text{ mm}$, 3 ± 1, Tinning.</p>
 <p>M8 Socket Back Mount Connector with Wires</p>	 <p>Technical drawing showing dimensions: $\phi 11.2$, 10.0, $\phi 9.5$, $M8 \times 1$, 15.5, 7.0, $M8 \times 0.5$, 15 ± 0.5, $1 \pm 20 \text{ mm}$, 3 ± 1, Tinning.</p>


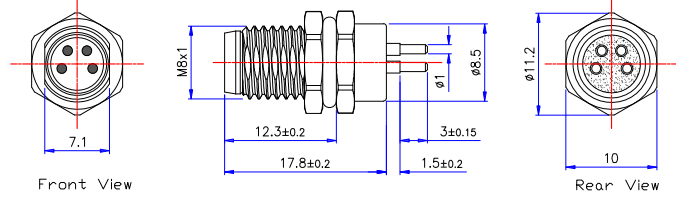

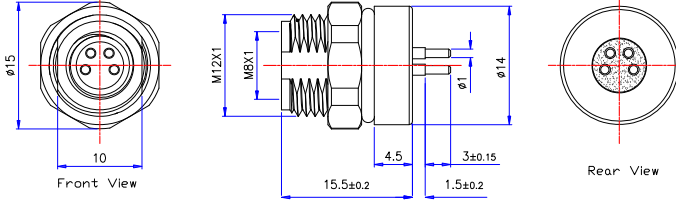
Technical Specification

Art. No.	Type	Contacts	Voltage Rating	Current Rating	Gender
30164651	RND 205-01126	3	60 V	3 A	Plug
30164652	RND 205-01127	4	60 V	3 A	Plug
30164653	RND 205-01128	6	30 V	1 A	Plug
30164654	RND 205-01129	3	60 V	3 A	Socket
30164655	RND 205-01130	4	60 V	3 A	Socket
30164656	RND 205-01131	6	30 V	1 A	Socket

Image	Drawing
 <p>M8 Plug Solder / PCB Back Mount Connector</p>	 <p>Technical drawing showing dimensions: $\phi 11.2$, 10, $M8 \times 1$, 8.5 ± 0.2, 16.5 ± 0.2, $\phi 1$, $M8 \times 0.5$, 3 ± 0.15, 2.5 ± 0.2, 7.1, Rear View.</p>
 <p>M8 Socket Solder / PCB Back Mount Connector</p>	 <p>Technical drawing showing dimensions: $\phi 11.2$, 10, $\phi 9.5$, $M8 \times 1$, 7 ± 0.15, 15.5 ± 0.15, $\phi 1$, $M8 \times 0.5$, 3 ± 0.15, 1.5 ± 0.2, 7.1, Rear View.</p>

Technical Specification

Art. No.	Type	Contacts	Voltage Rating	Current Rating	Gender
30164657	RND 205-01132	3	60 V	3 A	Plug
30164658	RND 205-01133	4	60 V	3 A	Plug
30164659	RND 205-01134	6	30 V	1 A	Plug
30164660	RND 205-01135	3	60 V	3 A	Socket
30164661	RND 205-01136	4	60 V	3 A	Socket
30164662	RND 205-01137	6	30 V	1 A	Socket


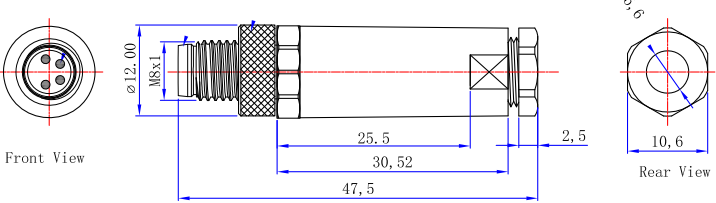

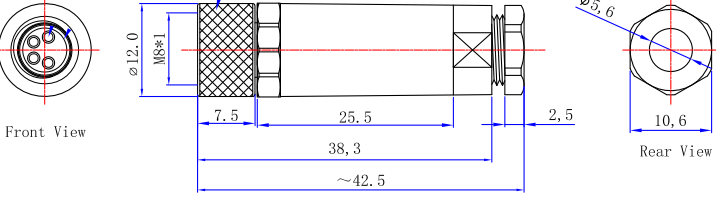

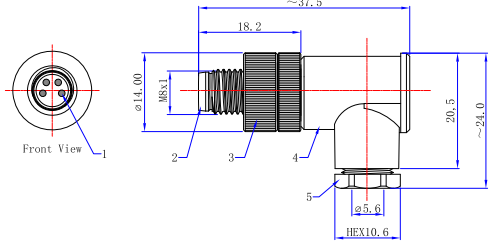

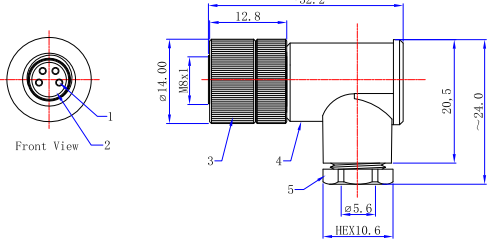
Image	Drawing
 <p>M8 Plug Solder / PCB Front Mount Connector</p>	 <p>Front View</p> <p>Rear View</p>
 <p>M8 Socket Solder / PCB Front Mount Connector</p>	 <p>Front View</p> <p>Rear View</p>

Features

- The field installable connectors permit high flexibility for wiring in the field
- For quick assembly of often differing cable lengths, RND supplies straight plug and socket connectors for free assembly with screw type wire connection
- Protection degree: IP67
- Temperature range: -40 ... 85 °C
- Rated Current: 3 A, Voltage 60 V

Technical Specification

Art. No.	Type	Contacts	Body Orientation	Gender
30164663	RND 205-01138	3	Straight	Plug
30164664	RND 205-01139	4	Straight	Plug
30164665	RND 205-01140	3	Straight	Socket
30164666	RND 205-01141	4	Straight	Socket
30164667	RND 205-01142	3	Right Angle	Plug
30164668	RND 205-01143	4	Right Angle	Plug
30164669	RND 205-01144	3	Right Angle	Socket
30164670	RND 205-01145	4	Right Angle	Socket


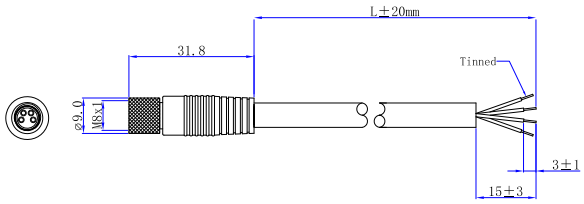

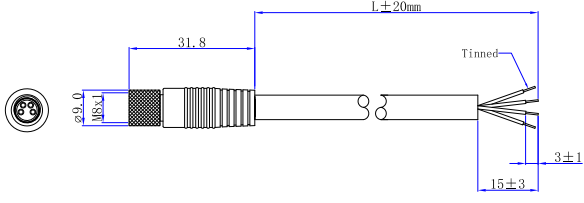

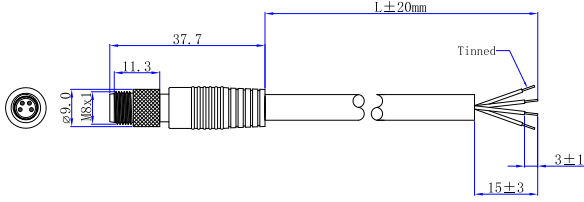

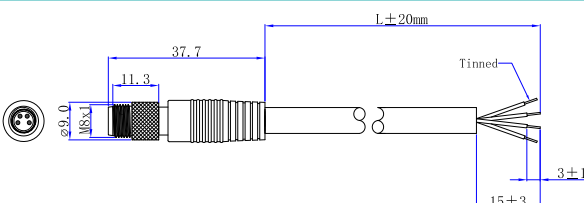

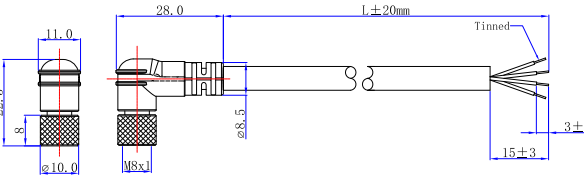

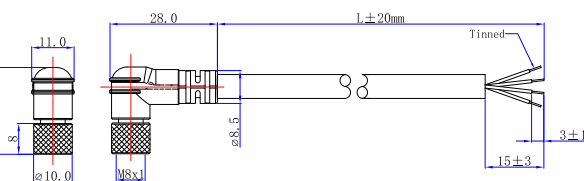

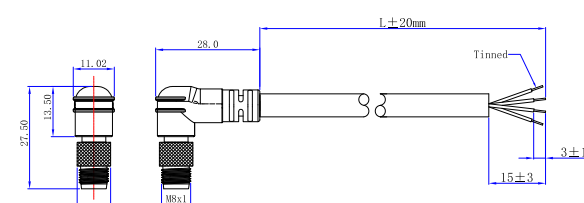

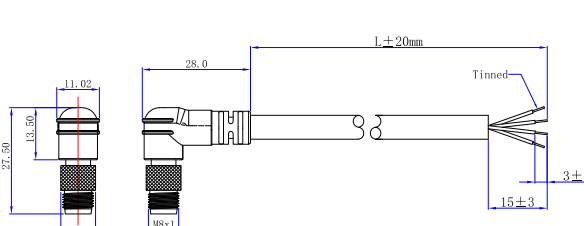
Image	Drawing
 <p>M8 Plug Straight, Plastic with Screw Termination</p>	
 <p>M8 Socket Straight, Plastic with Screw Termination</p>	
 <p>M8 Plug Angled, Plastic with Screw Termination</p>	
 <p>M8 Socket Angled, Plastic with Screw Termination</p>	

Features


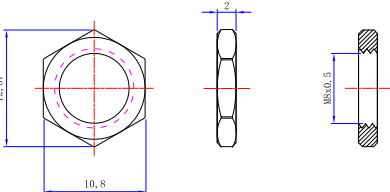

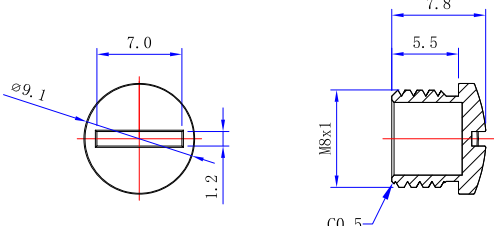
- The M8 range provides 3/4/6 pins connection
- PUR/PVC overmolded cable with choice of length of 2 m and 5 m
- Anti-vibration locking screw design

Technical Specification

Art. No.	Type	Contacts	Voltage Rating	Current Rating	Cable Length	Gender
30164671	RND 205-01146	3	60 V	3 A	2 m	Socket
30164672	RND 205-01147	4	60 V	3 A	2 m	Socket
30164673	RND 205-01148	6	30 V	1 A	2 m	Socket
30164674	RND 205-01149	3	60 V	3 A	5 m	Socket
30164675	RND 205-01150	4	60 V	3 A	5 m	Socket
30164676	RND 205-01151	6	30 V	1 A	5 m	Socket
30164677	RND 205-01152	3	60 V	3 A	2 m	Plug
30164678	RND 205-01153	4	60 V	3 A	2 m	Plug
30164679	RND 205-01154	6	30 V	1 A	2 m	Plug
30164680	RND 205-01155	3	60 V	3 A	5 m	Plug
30164681	RND 205-01156	4	60 V	3 A	5 m	Plug
30164682	RND 205-01157	6	30 V	1 A	5 m	Plug
30164683	RND 205-01158	3	60 V	3 A	2 m	Socket
30164684	RND 205-01159	4	60 V	3 A	2 m	Socket
30164685	RND 205-01160	6	30 V	1 A	2 m	Socket
30164686	RND 205-01161	3	60 V	3 A	5 m	Socket
30164687	RND 205-01162	4	60 V	3 A	5 m	Socket
30164688	RND 205-01163	6	30 V	1 A	5 m	Socket
30164689	RND 205-01164	3	60 V	3 A	2 m	Plug
30164690	RND 205-01165	4	60 V	3 A	2 m	Plug
30164691	RND 205-01166	6	30 V	1 A	2 m	Plug
30164692	RND 205-01167	3	60 V	3 A	5 m	Plug
30164693	RND 205-01168	4	60 V	3 A	5 m	Plug
30164694	RND 205-01169	6	30 V	1 A	5 m	Plug

Image	Drawing
 <p>M8 Straight Socket Molded Cable</p>	 <p>Technical drawing showing dimensions: $\varnothing 9.0$, M8x1, 31.8, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3.</p>
 <p>M8 Straight Socket Molded Cable</p>	 <p>Technical drawing showing dimensions: $\varnothing 9.0$, M8x1, 31.8, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3.</p>
 <p>M8 Straight Plug Molded Cable</p>	 <p>Technical drawing showing dimensions: $\varnothing 9.0$, M8x1, 37.7, 11.3, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3.</p>
 <p>M8 Straight Plug Molded Cable</p>	 <p>Technical drawing showing dimensions: $\varnothing 9.0$, M8x1, 37.7, 11.3, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3.</p>
 <p>M8 R/A Socket Molded Cable</p>	 <p>Technical drawing showing dimensions: 11.0, 22.5, 8, $\varnothing 10.0$, 28.0, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3, M8x1, $\varnothing 8.5$.</p>
 <p>M8 R/A Socket Molded Cable</p>	 <p>Technical drawing showing dimensions: 11.0, 22.5, 8, $\varnothing 10.0$, 28.0, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3, M8x1, $\varnothing 8.5$.</p>
 <p>M8 R/A Plug Molded Cable</p>	 <p>Technical drawing showing dimensions: 11.02, 27.50, 13.50, $\varnothing 9.0$, 28.0, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3, M8x1.</p>
 <p>M8 R/A Plug Molded Cable</p>	 <p>Technical drawing showing dimensions: 11.02, 27.50, 13.50, $\varnothing 9.0$, 28.0, $L \pm 20\text{mm}$, Tinned, 3 ± 1, 15 ± 3, M8x1.</p>

Accessories

Image	Drawing	Size	Type
 <p>M8 Hex Nut</p>		M8 x 0.5	RND 205-01170
 <p>Protective Cap, M8</p>		M8 x 1	RND 205-01193