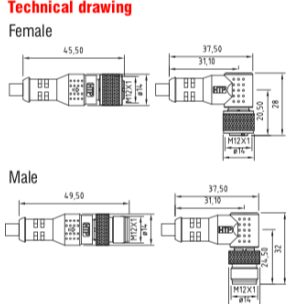
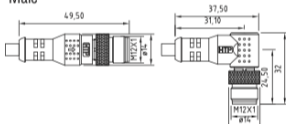
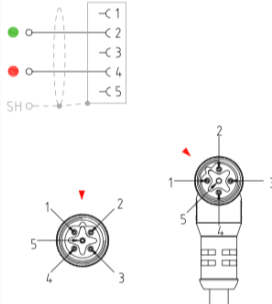
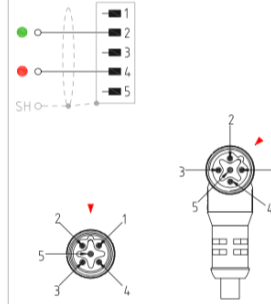
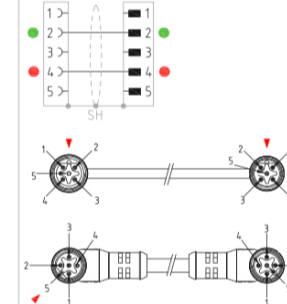


M12 Circular Connectors

Moulded cable connectors - B-coded



Technical drawing Female  Male 															
Product description															
Connector type				Circular connector with moulded cable				Circular connector with moulded cable				Circular connector with moulded cable			
Conforms to				IEC 61076-2-101				IEC 61076-2-101				IEC 61076-2-101			
Construction type				M12 B-Coded				M12 B-Coded				M12 B-Coded			
Description				Circular connector M12 series, B-coded, TOTALLY SHIELDED, with moulded cable				Circular connector M12 series, B-coded, TOTALLY SHIELDED, with moulded cable				Extension M12-M12 connectors, B-coded, TOTALLY SHIELDED, with moulded cable			
Housing type				Straight 180° Angled 90°				Straight 180° Angled 90°				Straight 180° Angled 90°			
Cable gland				Moulded cable				Moulded cable				Moulded cable			
Contacts type				Female				Male				Female-Male			
Number of contacts				5poles				5poles				5poles			
Housing colour				Black				Black				Black			
Technical data															
Type of termination				Contacts to crimp wires				Contacts to crimp wires				Contacts to crimp wires			
Contacts material				Brass+Gold flash				Brass+Gold flash				Brass+Gold flash			
Coupling nut type				Knurl round				Knurl round				Knurl round			
M12 coupling nut material				Brass+Nickel plated				Brass+Nickel plated				Brass+Nickel plated			
M12 coupling nut torque				0.4 N*m				0.4 N*m				0.4 N*m			
Rated voltage				60V AC/DC				60V AC/DC				60V AC/DC			
Rated current				4A				4A				4A			
O-ring material				NBR				-				NBR (on female connector)			
Cable type				PUR PROFIBUS UL444 SHIELDED HIGH FLEX				PUR PROFIBUS UL444 SHIELDED HIGH FLEX				PUR PROFIBUS UL444 SHIELDED HIGH FLEX			
Cable jacket colour				Violet RAL4001				Violet RAL4001				Violet RAL4001			
No. Conductors / Section				1x2xAWG24(0.25mm²)				1x2xAWG24(0.25mm²)				1x2xAWG24(0.25mm²)			
Conductor colours				Red; Green				Red; Green				Red; Green			
Cable diameter				ø8.2mm (±0.3)				ø8.2mm (±0.3)				ø8.2mm (±0.3)			
Cable lenght				1m				1m				1m			
Packaging															
Qty/Bag				1 pc / bag				1 pc / bag				1 pc / bag			
Other accessories options															
See accessories section															
Notes:															
Connectors available with different feautres:															
See the general features and codification scheme page															
See the cables list section															