



Technical drawing							
STD.  WITH CUT  							
<b>Product description</b>							
Connector type	Circular connector panel mount	Circular connector panel mount		Circular connector panel mount		Circular connector panel mount	
Conforms to	IEC 61076-2-101	IEC 61076-2-101		IEC 61076-2-101		IEC 61076-2-101	
Construction type	M12 A -Coded	M12 A -Coded		M12 A -Coded		M12 A -Coded	
Description	Circular connector M12 series, panel mount with PVC soldered wires.	Circular connector M12 series, panel mount with PVC soldered wires.		Circular connector M12 series, panel mount with PVC soldered wires.		Circular connector M12 series, panel mount with PVC soldered wires.	
Part number	<b>12MP8A0C-PG9</b>	<b>12MR8A0C-PG9</b>	<b>12FP5A0C-PG9</b>	<b>12FR5A0C-PG9</b>	<b>12FP8A0C-PG9</b>	<b>12FR8A0C-PG9</b>	
Housing type	Frontal panel side	Back panel side	Frontal panel side	Back panel side	Frontal panel side	Back panel side	
Contacts type	Male		Female		Female		
Number of contacts	8poles		5poles		8poles		
Fixing thread	PG9		PG9		PG9		
Cut size	-		-		-		
<b>Technical data</b>							
Type of termination	Contacts to solder wires	Contacts to solder wires		Contacts to solder wires		Contacts to solder wires	
Contacts material	Brass + Gold flash	Brass + Gold flash		Brass + Gold flash		Brass + Gold flash	
Housing material	Brass + Nickel plated	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
Mobile nut material	Brass + Nickel plated (SW17)	Brass + Nickel plated (SW17)		Brass + Nickel plated (SW17)		Brass + Nickel plated (SW17)	
M12 coupling nut torque	0.4 N*m	0.4 N*m		0.4 N*m		0.4 N*m	
Rated voltage	30V AC/DC	60V AC / DC		30V AC/DC		30V AC/DC	
Rated current	2A	4A		2A		2A	
O-ring material	NBR	NBR		NBR		NBR	
Cable type	PVC	PVC		PVC		PVC	
No. Conductors / Section	8 x 0.25mm <sup>2</sup>	5 x 0.25mm <sup>2</sup>		8 x 0.25mm <sup>2</sup>		8 x 0.25mm <sup>2</sup>	
Conductor colours	White;Brown;Green;Yellow;Grey;Pink;Blue;Red	Brown; White; Blue; Black;Grey		White;Brown;Green;Yellow;Grey;Pink;Blue;Red		White;Brown;Green;Yellow;Grey;Pink;Blue;Red	
Cable diameter	-	-		-		-	
Cable length	0.3m	0.3m		0.3m		0.3m	
<b>Packaging</b>							
Qty/Bag	Not defined	Not defined		Not defined		Not defined	
<b>Other accessories options</b>							
See accessories section							
<b>Notes:</b> Connectors available with different features: See the general features and codification sche See the cables list section							