

## M12 Single Ended Cable Assembly, Male, A Coded



Technical drawing		3poles		4poles		5poles	
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 A-Coded		M12 A-Coded		M12 A-Coded		
Description	Circular connector M12 series with moulded cable		Circular connector M12 series with moulded cable		Circular connector M12 series with moulded cable		
Part number	<b>12MD3B1Z</b>	<b>12MA3B1Z</b>	<b>12MD4B1Z</b>	<b>12MA4B1Z</b>	<b>12MD5B1Z</b>	<b>12MA5B1Z</b>	
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	
Cable gland	Moulded cable		Moulded cable		Moulded cable		
Contacts type	Male		Male		Male		
Number of contacts	3poles		4poles		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	250V AC/DC		250V AC/DC		60V AC/DC		
Rated current	4A		4A		4A		
O-ring material	-		-		-		
Cable type	PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022		
Cable jacket colour	Black		Black		Black		
No. Conductors / Section	3x0.34mm <sup>2</sup>		4x0.34mm <sup>2</sup>		5x0.34mm <sup>2</sup>		
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black		Brown; White; Blue; Black; Grey		
Cable diameter	ø4.8mm (±0.3)		ø5.2mm (±0.3)		ø5.5mm (±0.3)		
Cable length	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 features: See the general features and codification scheme page See the cables list section							