



Product description									
Connector type	Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		
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		
Part number	12FL4000	12FU4000	12FL5000	12FU5000	12FL8000	12FU8000	12FL12000	12FU12000	
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	
Cable gland	PG9-11 unified /Double cable exit		PG9-11 unified /Double cable exit		PG9-11 unified /Double cable exit		PG9-11 unified /Double cable exit		
Description	Circular connector M12 series field attachable		Circular connector M12 series field attachable		Circular connector M12 series field attachable		Circular connector M12 series field attachable		
Contacts type	Female		Female		Female		Female		
Number of contacts	4poles		5poles		8poles		12poles		
Housing colour	Black		Black		Black		Black		

Technical data									
Type of termination	Screw contacts		Screw contacts		Screw contacts		Solder contacts		
Contact screw torque	0.2 N*m		0.2 N*m		0.2 N*m		-		
Housing material	PA66 UL94-V2		PA66 UL94-V2		PA66 UL94-V2		PA66 UL94-V2		
Contacts material	Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		
Coupling nut type	Knurl round		Knurl round		Knurl round		Knurl round		
M12 coupling nut material	Brass + Nickel plated		Brass + Nickel plated						
M12 coupling nut torque	0.4 N*m		0.4 N*m		0.4 N*m		0.4 N*m		
Rated voltage	250V AC/DC		60V AC/DC		30V AC/DC		30V AC/DC		
Rated current	4A		4A		2A		1.5A		
Temperature range	-40°C +90°C		-40°C +90°C		-40°C +90°C		-40°C +90°C		
O-ring material	NBR		NBR		NBR		NBR		
Suitable cable	Ø cable 4-8mm Ø cable 6.5-9.5mm Double exit Ø6mm(max.)		Ø cable 4-8mm Ø cable 6.5-9.5mm Double exit Ø6mm(max.)		Ø cable 4-8mm Ø cable 6.5-9.5mm Double exit Ø6mm(max.)		Ø cable 4-8mm Ø cable 6.5-9.5mm Double exit Ø6mm(max.)		

Packaging									
Qty/Bag	1 pc / 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