AVT Wiring & Connecting
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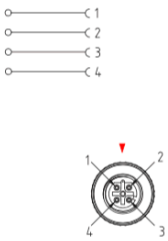
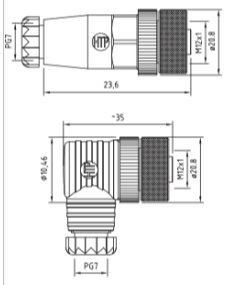
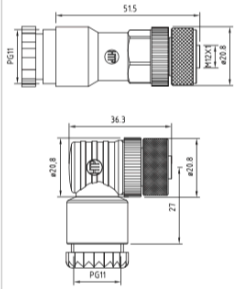
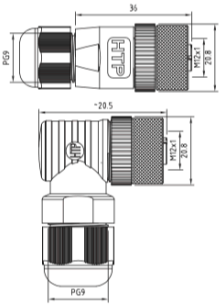
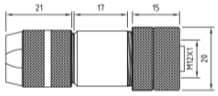
M12 Circular Connectors

D-coded - Field attachable connectors

Technical drawing				
				

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 D-Coded	M12 D-Coded	M12 D-Coded	M12 D-Coded
Housing type	Straight 180° / Angled 90°	Straight 180° / Angled 90°	Straight 180° / Angled 90°	Straight 180°
Cable gland	PG7 standard	PG9-11 unified /Double cable exit	SK model	PG9 standard
Description	Circular connector M12 series D-coded,field attachable	Circular connector M12 series D-coded,field attachable	Circular connector M12 series D-coded,field attachable	Circular connector M12 series D-coded,field attachable
Contacts type	Female	Female	Female	Female
Number of contacts	4poles	4poles	4poles	4poles
Housing colour	Black	Black	Black	Black
Technical data				
Type of termination	Screw contacts	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.2 N*m	0.2 N*m	0.2 N*m	0.2 N*m
Housing material	PA66 UL94-V2	PA66 UL94-V2	PA66 UL94-V2	Brass+Nickel plated
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	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	250V AC/DC	250V AC/DC	250V AC/DC
Rated current	4A	4A	4A	4A
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 4 - 6mm	ø cable 4-8mm ø cable 6.5-9.5mm Double exit ø6mm(max.)	ø 4 - 9mm	ø 4 - 8mm
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 feautures:
See the general features and codification scheme page
See the cables list section

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