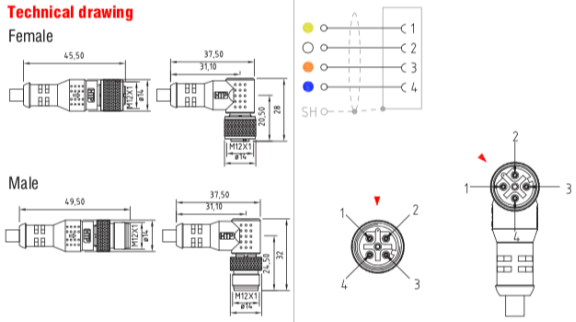
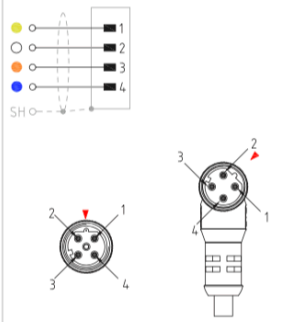
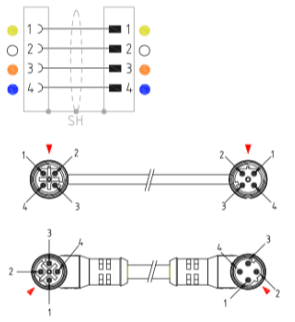
AVT Wiring & Connecting
P.O. Box 7154
5605 JD Eindhoven
Freddy van Riemsdijkweg 7
5657 EE Eindhoven
The Netherlands

M12 Circular Connectors

Moulded cable connectors - D-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 D-Coded	M12 D-Coded	M12 D-Coded
Description	Circular connector M12 series,D-coded, TOTALLY SHIELDED,with moulded cable	Circular connector M12 series,D-coded, TOTALLY SHIELDED,with moulded cable	Extension M12-M12 connectors,D-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	4poles	4poles	4poles
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	250V AC/DC
Rated current	4A	4A	4A
O-ring material	NBR	-	NBR (on female connector)
Cable type	PUR CAT.5E UL21576 SHIELDED HIGH FLEX	PUR CAT.5E UL21576 SHIELDED HIGH FLEX	PUR CAT.5E UL21576 SHIELDED HIGH FLEX
Cable jacket colour	Green RAL6018	Green RAL6018	Green RAL6018
No.Conductors / Section	1x4xAWG22(0.34mm²)	1x4xAWG22(0.34mm²)	1x4xAWG22(0.34mm²)
Conductor colours	Yellow; White; Orange; Blue	Yellow; White; Orange; Blue	Yellow; White; Orange; Blue
Cable diameter	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±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			

Note:
Connectors available with different feautures:
See the general features and codification scheme page
See the cables list section

AVT Industrial Components BV
+31 (0)40 20 88 088
sales@avtic.com
www.avtic.com

Givatec BVBA
+32 (0)16 400 500
sales@givatec.com
www.givatec.com

AGCO BV
+31 (0)40 208 80 044
sales@agco.nl
www.agco.nl