



WI1046-M12M4TM4T10R

M12 Cab D-code Ethernet M0°-M0°, 10m, Ø7



General information

Description M12 Cab D-code Ethernet M0°-M0°, 10m, Ø7, D coded with 1 or 2 connectors and special cable for thernet , M12 connector, Connector 1: Male connector, 4 Pin, 180 degrees straight shielded connector, Connector 2: Male connector, 4 Pin, 180 degrees straight shielded connector, Length: 10 m cable, Highly flexibel Robot cable for cable chain. 2D

Cable Application	Ethernet	Connection Type	Ethernet CAT5, IEC11801, 100MHz
Cable connector 1	M12 4-pin male D-coded Ethernet	Cable connector 2	M12 4-pin male D-coded Ethernet
Connector 1 angle	180° Straight	Connector 2 angle	n/a
Connector 1 LED	No	Connector 2 LED	n/a
Connector 1 IP	IP67	Connector 2 IP	
Cable length [m]	10	Wires no totally	4
Cable diameter [mm]	6.0	Color	Green
Wire earth	No	Cable flexibility	Robotic - 3D
Halogen free	Yes	Oil resistant	Yes
Approval - ROHS-3	Yes - Link		



Approval UL No



CE Marked Yes



Country Of Origin DK **Tariff no** 85444290

Tariff no US **Weight net [kg]** 0.17



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Mechanical information

Cable connector 1	M12 4-pin male D-coded Ethernet	Cable connector 2	M12 4-pin male D-coded Ethernet
Connector 1 coding	D-coded	Connector 2 coding	D-coded
Connector 1 angle	180° Straight	Connector 2 angle	n/a
Connector 1 LED	No	Connector 2 LED	n/a
Connector 1 IP	IP67	Connector 2 IP	
Con 1 Pipe		Con 2 Pipe	
Con 1 Pipe 2		Con 2 Pipe 2	
Con 1 Loop		Con 2 Loop	
Con 1 Terminals	Ni/Au	Con 2 Terminals	
Con 1 House		Con 2 House	
Con 1 Ring		Con 2 Ring	
Con 1 Con		Con 2 Con	
Con 1 Washer		Con 2 Washer	
Con 1 TPU		Con 2 TPU	
Con 1 Fill		Con 2 Fill	
Connector 1 - Cycles	>=100	Connector 2 - Cycles	>=100
Cable length [m]	10	Cable length tolerance [mm]	+/-150
Cable shielding foil	Yes	Cable shielding braid	Yes
Cable pairs twisted		Cable material	PVC Polyvinylchlorid
Wire [mm²]	0.14	Wire [AWG]	26
Wire earth	No	Cable min/max temp. [°C]	80
Cable information		Wire color coding	
Cable diameter [mm]	6.0	Cable flexibility	Robotic - 3D
Bending diameter fixed [x OD]		Bending diameter flexible [x OD]	
Cable max velocity		Cable max acceleration	
Halogen free	Yes	Oil resistant	Yes
CON Tightning torque [Nm]	0.4	Raw cable datasheet	-
Cable insulation			



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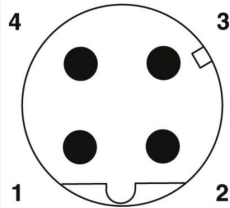
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Connector information

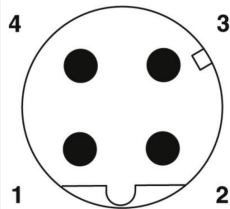
Cable connector 1	M12 4-pin male D-coded Ethernet	Cable connector 2	M12 4-pin male D-coded Ethernet
Connector Power	No	Connector Motor	M12 4-pin female D-coded Ethernet
Connector Encoder	M12 4-pin female D-coded Ethernet shl	Connector Brake	
Connector PDO	-	Connector STO	-

Connector - Communication

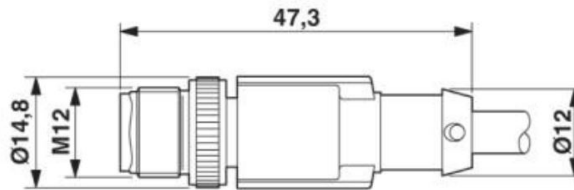
Con 1 Pin-Out Front



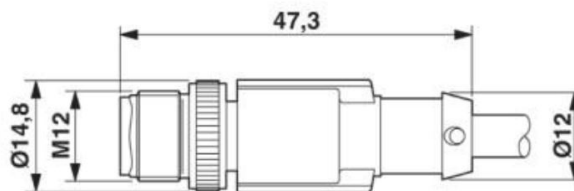
Con 2 Pin-Out Front



Connector 1 dimensions



Connector 2 dimensions



Insertion force

Withdrawal force

Rated voltage [V]

Rated current [A]

Contact resistance [mΩ]

Insulation resistance [MΩ]

MATERIAL_OF_CONTACT

Insulation material

Material of seal

Material of O-ring

Mechanical life

External cable diameter [mm]

Cross section of wires [mm²]

Stripping length of wire [mm]

Connection method

Degree of protection

Degree of protection parameter

Ambient temperature (operation)

Flamability rating according to UL 94

Withstanding voltage [V/min]

Salt spray



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Electrical information

Main supply	-	Control Voltage (CVI)	-
Min-Max		Min-Max	
[V]		[VDC]	
Connector Current		Con resistor	n/a
[A/pin]		[Ohm]	



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Communication information

Cable connectivity Ethernet

**Connector -
Communication**