



WI1009-M12M12T05N

M12 Shl Cab 5m 12p Male 0° RS422 6P twisted



General information

Description	M12 Shl Cab 5m 12p Male 0° RS422 6P twisted, A coded cables with 1- 2 connectors with twisted pair (8 pin-4P), (5 pin- 3P) (12 pin-6P) (17 pin-9P) .RS485 and IO , M12 connector, Connector 1: Male connector, 12 Pin, 180 degrees straight shielded connector, Length: 5 m cable, Normal cable		
Cable Application	Basic I/O, Com	Connection Type	
Cable connector 1	M12 12-pin male A-coded	Cable connector 2	Open Ended
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]	5	Wires no totally	12
Cable diameter [mm]		Color	Black
Wire earth	No	Cable flexibility	Standard
Halogen free	No	Oil resistant	
Approval - ROHS-3	Yes - Link		
Approval UL	No		
CE Marked	Yes		
Country Of Origin	DK	Tariff no	85444290
Tariff no US		Weight net [kg]	0.48



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Mechanical information

Cable connector 1	M12 12-pin male A-coded	Cable connector 2	Open Ended
Connector 1 coding	A-coded	Connector 2 coding	A-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		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		Connector 2 - Cycles	
Cable length [m]	5	Cable length tolerance [mm]	+/-100
Cable shielding foil	Yes	Cable shielding braid	Yes
Cable pairs twisted	Yes 6x2 + 1	Cable material	PVC Polyvinylchlorid
Wire [mm2]	0.061	Wire [AWG]	26
Wire earth	No	Cable min/max temp. [°C]	80
Cable information		Wire color coding	Brown1+White3, Yellow6+Green4, Pink5+Grey8, Black7+Violet10, Red9+Blue2, Green/Pink11+Red/Blue12, White/green13+Brown/Green14, White/Yellow15+Yellow/Brown16+White/Grey17, Braid
Cable diameter [mm]		Cable flexibility	Standard
Bending diameter fixed [x OD]		Bending diameter flexible [x OD]	
Cable max velocity		Cable max acceleration	
Halogen free	No	Oil resistant	
CON Tightning torque [Nm]		Raw cable datasheet	
Cable insulation			



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Connector information

Cable connector 1	M12 12-pin male A-coded	Cable connector 2	Open Ended
Connector Power	No	Connector Motor	M12 12-pin female A-coded
Connector Encoder	M12 12-pin female A-coded shl	Connector Brake	
Connector PDO	-	Connector STO	-
Connector - Communication			
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 n/a
Min-Max
[V]

Control Voltage (CVI) n/a
Min-Max
[VDC]

Connector Current
[A/pin]

Con resistor n/a
[Ohm]



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Communication information

Cable connectivity

Connector -

Communication