


Cables for Fieldbus and Industrial Ethernet network

Double ended cord set


DELTA offers heavy duty cables with metallic protective braid for connection to fieldbus such as Profibus-DP and Industrial Ethernet network. They are designed to survive in the extreme conditions of hot rolling mill.

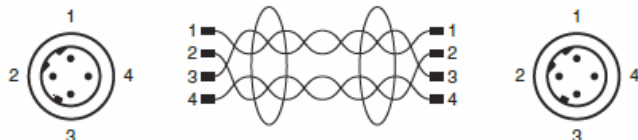
a) Profibus-DP

Description		Length	Reference	
A side Connector	B side Connector		2 m	7540296
			3 m	7540297
			5 m	7540290
			10 m	7540298
			15 m	7540457
			20 m	7540299
Male, M12, 5 pin B-coded, Straight	Female, M12, 5 pin B-coded, Straight			



b) Industrial Ethernet

Description		Length	Reference	
A side Connector	B side Connector		2 m	7540273
			3 m	7540276
			5 m	7540277
			10 m	7540278
			15 m	7540291
			20 m	7540279
Male, M12, 4 pin D-coded, Straight	Male, M12, 4 pin D-coded, Straight			





End of Bus Termination (Profibus-DP)

Description	Reference	
End of bus termination resistor in M12 Male connector, B-coded	 	2536756



Protective caps

Description		Reference
Protective cap for M12 male connector		2536720
Protective cap for M12 female connector		2536721

Technical characteristics

a) Connector

Type	M12 5 pin B-Coding for Profibus-DP M12 4 pin D-Coding for Industrial Ethernet
Durability	500 cycles
Operating voltage	60 VAC/DC
Contact	Brass with gold plating
Contact rated current	4A
Contact resistance	≤ 5 mΩ
Connection	Soldering, AWG 22 to 20
Cable outer diameter	6 to 10.5 mm
Operating temperature	-40°C to 100°C (-40°F to 212°F)
Degree of protection	IP67

b) Cable

High temperature cables, resisting 180°C, with metallic protective braid, Cat. 5 (EN 50288-5-2)
M12 heavy duty metallic connector

	For Profibus-DP	For Industrial Ethernet
Cross section	2 x 0.34 mm ²	2 x 2 x 26AWG
DC resistance at 20°C	Max 58.8 Ω/km	Max 133.3 Ω/km
Peak operating voltage	Max 350V	
Temperature range	-40°C to 180°C (-40°F to 350°F) (fixed laying) -25°C to 180°C (-13°F to 350°F) (flexible)	
Braid	Galvanized steel	
Outer diameter	10.3 mm	
Minimum bending radius	12 x outer diameter	
Weight	162 kg/km	134 kg/km

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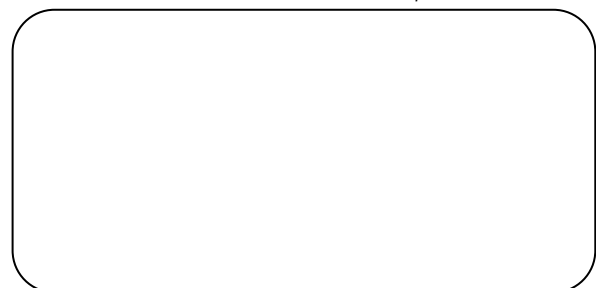
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Non contractual pictures



Subject to change without prior notice

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