

M12 PLUG, PROFIBUS ANGLED, 5-POLE,
B-CODED SCREW CONNECTION NO INTEGRATED
TERMINATING RESISTOR



General technical data:

Product description	M12 plug, angled, 5-pole, B coded, screwed
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General technical details:

Current-carrying capacity / per pin / maximum	A	4
Operating voltage / Maximum	V	125
Flow resistance / maximum	$\Omega \cdot m$	3
Impulse voltage resistance / rated value	kV	0.8

Mechanical data:

Type of connection		Screw terminals
Connector type		Pin
Connector coding / of M12 circular connector		B
Type of cable outlet		angled
Number of poles		5
Conductor cross section that can be connected / for flexible conductor / maximum	mm²	0.75
Diameter • Clamping range cable diameter	mm	6 ... 8
Material • of the contact		Brass

• of contact coating • of connector fixed part • of the enclosure		Gold
		Polyamide
		Zinc diecast, nickel-plated
Depth	mm	20
Height	mm	54
Width	mm	43
Type of strain relief		Pressure screw, pinch ring
mechanical service life (mating cycles)		100
Type of plug interlock		M12 x 1 thread

Ambient conditions:

Ambient temperature		
• during storage	°C	-25 ... +85
• during operating	°C	85 ... -25
Protection class IP		IP67
Chemical resistance		
• to mineral oil		conditional, must be checked relative to the application
• to water		conditional, must be checked relative to the application
• to grease		conditional, must be checked relative to the application
Degree of pollution		3

Certificates/approvals:

Verification of suitability		
• CSA-approval		No
• RoHS conformity		Yes
• UL-registration		No
• CCC		No
• IEC certificate		No
• cUL approval		No

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator:

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK1902-1BA00/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1902-1BA00

last change:

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