SIEMENS

M12 socket for PROFIBUS angled, 5-pole, B-coded
screw terminal No terminating resistor

General technical data		
Ampacity per pin maximum	A	4
Operating voltage maximum	V	125
Flow resistance maximum	Ω·m	3
Surge voltage resistance rated value	kV	0.8

Mechanical data		
Type of connection		Screw terminals
Connector type		Socket
Connector coding of the M12 circular connector		B
Type of cable outlet		angled
Number of poles		5
Connectable conductor cross-section for flexible conductor maximum	mm²	0.75
Diameter of feed through opening	mm	6 ... 8
Material		
• of the contact		Brass, bronze
• of contact coating		Gold
• of connector fixed part		Polyamide
• of the enclosure		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 operation	°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

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

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1902-1DA00

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-1DA00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-1DA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-1DA00&lang=en

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