

M12 socket angled 4-pole screw terminal max. 0.75 mm<sup>2</sup> A-coded max. 4 A



General technical data		
ampacity per pin maximum	A	4
operating voltage maximum	V	250
surge voltage resistance rated value	kV	2.5
Mechanical data		
type of connection technology		Screw terminals
connector type		Socket
type of cable outlet		angled
number of poles		4
connectable conductor cross-section for flexible conductor maximum	mm <sup>2</sup>	0.75
diameter of inlet opening	mm	3.5 ... 6
material		
<ul style="list-style-type: none"> <li>of connector fixed part</li> <li>of the enclosure</li> </ul>		Polyamide Zinc diecast, nickel-plated
depth	mm	20
height	mm	38
width	mm	40
mechanical service life (mating cycles)		100
type of plug interlock		M12 x 1 thread
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> <li>during storage</li> <li>during operation</li> </ul>	°C °C	-40 ... +85 -40 ... +85
protection class IP		IP67
chemical resistance		
<ul style="list-style-type: none"> <li>to mineral oil</li> <li>to water</li> <li>to grease</li> </ul>		conditional, must be checked relative to the application conditional, must be checked relative to the application conditional, must be checked relative to the application
degree of pollution		3
Certificates/ approvals		
certificate of suitability		
<ul style="list-style-type: none"> <li>CSA approval</li> <li>RoHS conformity</li> <li>UL approval</li> <li>CCC</li> <li>IEC approval</li> <li>cUL approval</li> </ul>		No Yes No No Yes Yes

**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=3RK1902-4CA00-4AA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-4CA00-4AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-4CA00-4AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1902-4CA00-4AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-4CA00-4AA0&lang=en)

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