



General technical data

Ampacity per pin maximum	A	4
Operating voltage maximum	V	250
Flow resistance maximum	$\Omega \cdot m$	3

Mechanical data

Type of connection		Screw terminals
Connector type		Pin
Connector coding of the M12 circular connector		D
Type of cable outlet		angled
Number of poles		4
Connectable conductor cross-section for flexible conductor maximum	mm ²	0.75
Diameter of feed through opening	mm	6 ... 8
Material		
• of the contact		Brass
• 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		
<ul style="list-style-type: none"> during storage 	°C	-25 ... +85
<ul style="list-style-type: none"> during operation 	°C	85 ... -25
Protection class IP		IP67
Chemical resistance		
<ul style="list-style-type: none"> to mineral oil 		conditional, must be checked relative to the application
<ul style="list-style-type: none"> to water 		conditional, must be checked relative to the application
<ul style="list-style-type: none"> to grease 		conditional, must be checked relative to the application

Certificates/ approvals

Certificate of suitability		
<ul style="list-style-type: none"> CSA-approval 		No
<ul style="list-style-type: none"> RoHS conformity 		Yes
<ul style="list-style-type: none"> UL approval 		No
<ul style="list-style-type: none"> CCC 		No
<ul style="list-style-type: none"> IEC certificate 		No
<ul style="list-style-type: none"> 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=3RK1902-2DA00>

Cax online generator

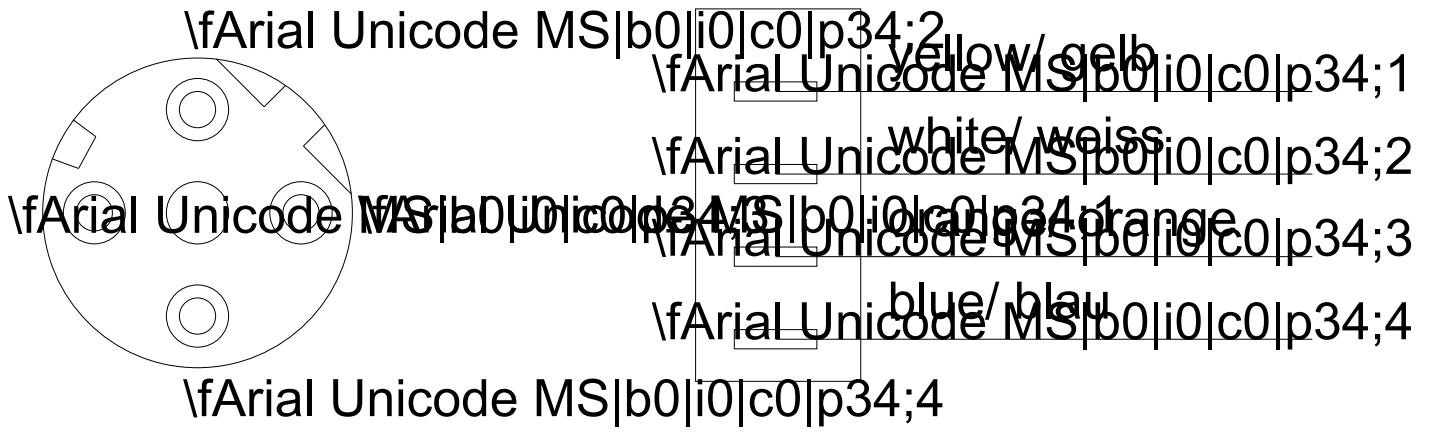
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-2DA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-2DA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-2DA00&lang=en



last modified:

03/14/2020