

Data sheet

3RK1902-4GB50-4AA0

control cable pre-assembled at one end M12 socket angled 4-pole with 5 m cable 4 x 0.34 mm² A-encoded maximal 4 A PUR sheath black



General technical data

product description		M12 lead, angled on one side
wire length	m	5
General technical data		
ampacity per pin maximum	A	4
operating voltage at DC maximum	V	250
surge voltage resistance rated value	V	2 500

Mechanical data

type of connection technology		plugged, screwed
connector type		M12
connector coding of the M12 circular connector		A
number of electrical cores		4
type of cable outlet		angled
number of poles		4
color of cable sheath		Black
material of cable sheath		PUR
color of the insulation of data wires		see wiring diagram
material of the wire insulation		polypropylene (PP)
design of the shield		unshielded
type of strain relief		cast
outer diameter		
• of the cable	mm	4.7
• of inner conductor	mm	0.34
type of connectable conductor cross-sections stranded		4 x 0.34 mm ²
type of plug interlock		M12 x 1 thread
cable end components		open on one side

Ambient conditions

ambient temperature during operation		
• minimum	°C	-25
• maximum	°C	80
protection class IP		IP67
chemical resistance		
• to ASTM oil 2		conditional, must be checked relative to the application
• 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		Yes

- UL approval
- IEC approval

Yes

Yes

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RK1902-4GB50-4AA0>

Cax online generator

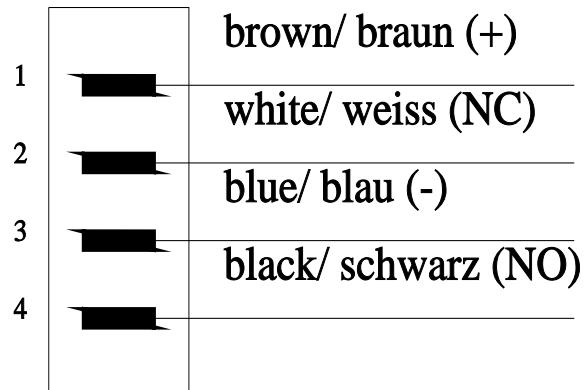
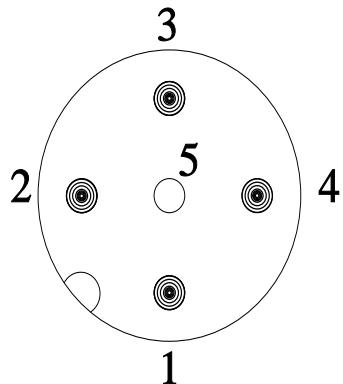
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-4GB50-4AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-4GB50-4AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-4GB50-4AA0&lang=en



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