SIEMENS

Control cable Pre-assembled at one end M12 socket angled 4-pole with 5 m cable 4 x 0.34 mm2 A-coded max. 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		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 mm²
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	Yes
• IEC certificate	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=3RK1902-4GB50-4AA0
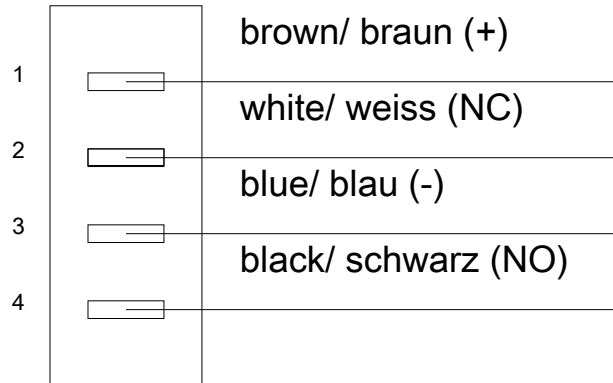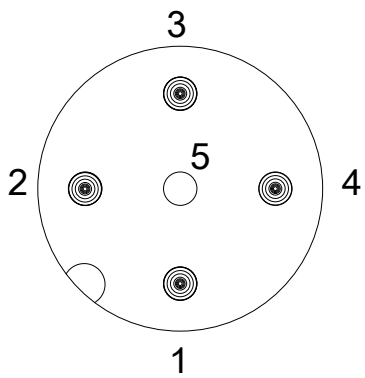
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-4GB50-4AA0

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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        3

    2   5   4

        1
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1	brown/ braun (+)
2	white/ weiss (NC)
3	blue/ blau (-)
4	black/ schwarz (NO)

last modified: 03/14/2020