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Data sheet 3RK1902-3GC10

Power line 7/8" for 24 V connected and unconnected assembled with 1 x 7/8" one side angled, 1.5 mm2 Socket, 5-pole, Length 10 m

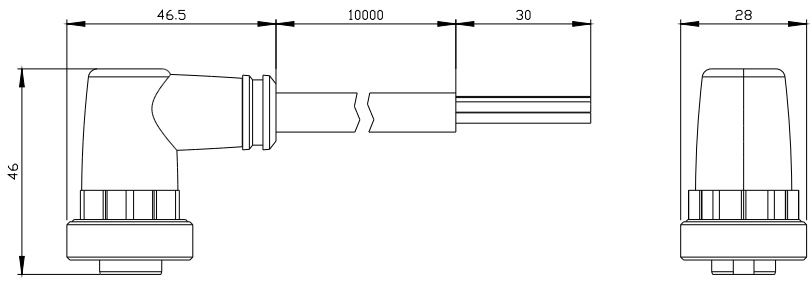


General technical data		
product description		7/8" socket, angled
wire length	m	10
General technical data		
ampacity per pin maximum	A	8
operating voltage		
● 1		
— at DC maximum	V	230
— at AC maximum	V	230
● 2		
— at DC maximum	V	400
— at AC maximum	V	400
surge voltage resistance rated value	kV	3
Mechanical data		
number of electrical cores		5
type of cable outlet		angled
number of poles		5
color		
● of cable sheath		gray
● of the insulation of data wires		black, blue, green yellow, brown, white
material		
● of cable sheath		Polyurethane
● of the wire insulation		polypropylene (PP)
● of the enclosure		polyurethane
design of the shield		unshielded
type of strain relief		molded
bending radius		
● with single bend minimum permissible	mm	65.25
● with multiple bends minimum permissible	mm	87
number of bending cycles		5 000 000
mechanical service life (mating cycles)		100
outer diameter		
● of the wire insulation	mm	2.3
● of the cable	mm	8.7
symmetrical tolerance of the outer diameter of the cable	mm	0.2
type of connectable conductor cross-sections stranded		5 x 1.5 mm²
type of plug interlock		7/8 thread
cable end components		open on one side
Ambient conditions		

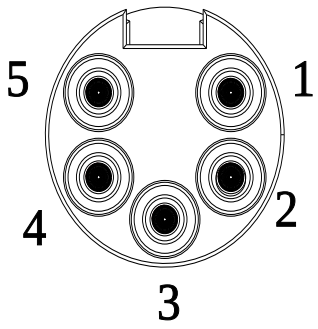
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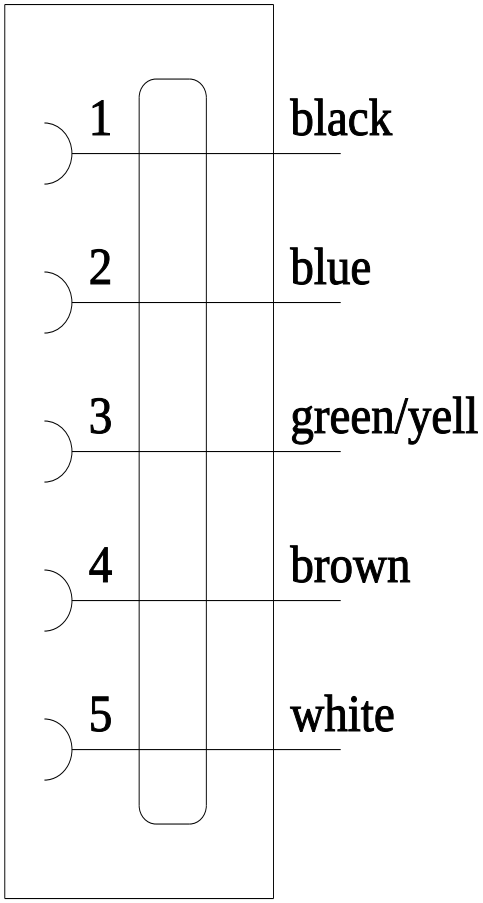
ambient temperature		
● during storage	°C	-25 ... +80
● during operation	°C	80 ... -20
protection class IP		IP67
chemical resistance		
● to mineral oil		conditional, must be checked relative to the application
● to water		conditional, must be checked relative to the application
● to grease		conditional, must be checked relative to the application
degree of pollution		3
Certificates/ approvals		
certificate of suitability		
● CSA approval		Yes
● RoHS conformity		Yes
● UL approval		No
● CCC		No
● IEC approval		No
● cUL approval		No
● C-Tick		No
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=3RK1902-3GC10
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-3GC10
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-3GC10
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-3GC10&lang=en



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