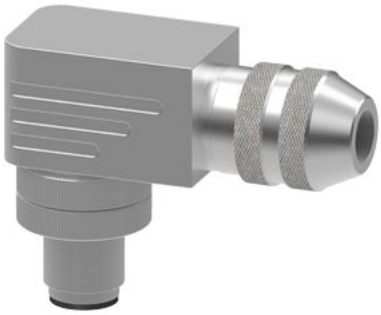
SIEMENS

Data sheet 3RK1902-2DA00

Connector for PROFINET 4-core, shielded



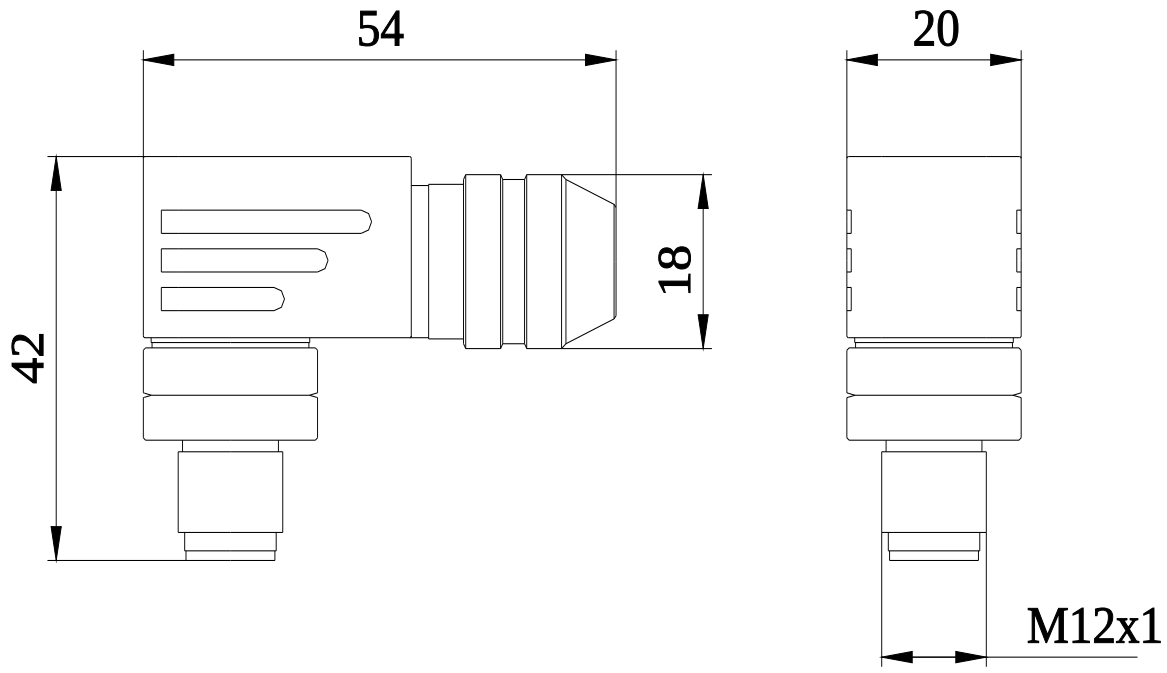
General technical data		
ampacity per pin maximum	A	4
operating voltage maximum	V	250
flow resistance maximum	Ω·m	3
Mechanical data		
type of connection technology		Screw terminals
connector type		Pin
connector coding of the M12 circular connector		D
type of cable outlet		angled
number of poles		4
connectable conductor cross-section for flexible conductor maximum	mm²	0.75
diameter of inlet 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
Connections/ Terminals		
type of connection technology		Screw terminals
ampacity per pin maximum	A	4
Ambient conditions		
ambient temperature		
● during storage	°C	-25 ... +85
● during operation	°C	-25 ... +85
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
Certificates/ approvals		
certificate of suitability		
● CSA approval		No

Subject to change without notice
© Copyright Siemens

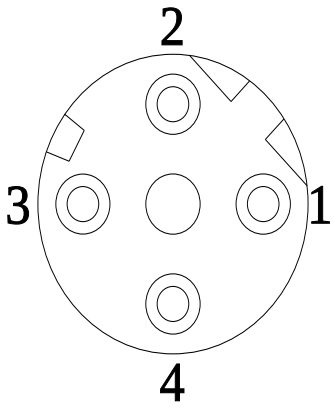
● RoHS conformity	Yes
● UL approval	No
● CCC	No
● IEC approval	No
● cUL approval	No
● C-Tick	No

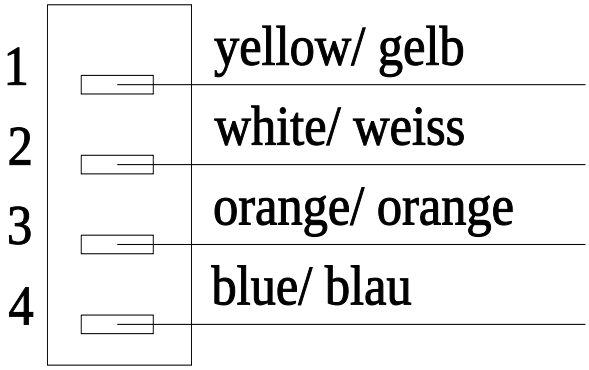
Further information

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=3RK1902-2DA00
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-2DA00&lang=en



Subject to change without notice
© Copyright Siemens





last modified: 4/2/2025

Subject to change without notice
© Copyright Siemens