SIEMENS

Data sheet 3RK1901-2NR12

AS-Interface M12 branch U_ASI without Uaux, 2 m cable with M12 cable socket angled IP67/68/69K, max. 4 A



product category	AS-Interface accessories
product designation	AS-i flat cable transition to M12
suitability for use	can be used for AS-i flat cable (yellow) and AUX flat cable (black) connections
General technical data	
operating voltage according to AS-Interface specification	26.5 ... 31.6 V
operational current rated value	3 A
number of poles	2
contact rating maximum	4 A
protection class IP	IP67, IP68, IP69K
Substance Prohibitance (day/month/year)	07/01/2006
Net Weight	0.11 kg
Installation/ mounting/ dimensions	
mounting type	screw mounting on the lower part of enclosure
tightening torque of fixing screw minimum	1.65 N·m
tightening torque of fixing screw maximum	1.65 N·m
height	22 mm
width	27.7 mm
length	40.5 mm
Ambient conditions	
ambient temperature	
● during operation	-25 ... +75 °C
● during storage	-25 ... +85 °C
Connections/ Terminals	
type of electrical connection	insulation piercing method for AS-Interface flat cable
feeder type	round cable with M12 socket, A-coding
mounting type of the flat cable	hinged cover with stainless steel bolt
installation or assembly note	flat cable end not permitted in the branch
contact assignment of the M12 connection for connecting an AS-i flat cable	
● at pin 1	ASI+
● at pin 2	not connected
● at pin 3	ASI-
● at pin 4	not connected
● at pin 5	not connected
contact assignment of the M12 connection for connecting an AUX flat cable	
● at pin 1	AUX+
● at pin 2	not connected
● at pin 3	AUX-

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● at pin 4	not connected
● at pin 5	not connected
length of the round cable	2 m
connectable conductor cross-section of the round cable	0.34 mm²

Approvals Certificates

Environment	General Product Approval				EMV
Environmental Confirmations	UL	EAC	CE EG-Konf.	UKCA	RCM

other



Confirmation

Further information

Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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

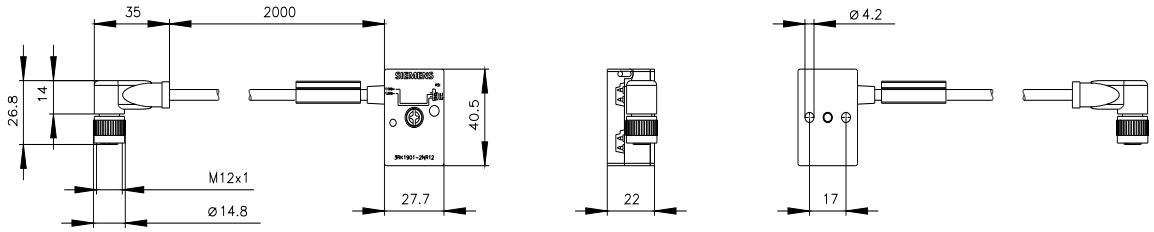
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1901-2NR12

Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1901-2NR12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1901-2NR12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1901-2NR12&lang=en

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