

AS-Interface M12 branch U_ASI and Uaux, 1 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		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		4
contact rating maximum		4 A
protection class IP		IP67, IP68, IP69K
Substance Prohibittance (day/month/year)		07/01/2006
Net Weight		0.077 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		
• at pin 1		ASI+
• at pin 2		not connected
• at pin 3		ASI-
• at pin 4		AUX+
• at pin 5		not connected
length of the round cable		1 m
connectable conductor cross-section of the round cable		0.34 mm²
Approvals Certificates		
Environment	General Product Approval	EMV



Maritime application 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=3RK1901-2NR21>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1901-2NR21>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1901-2NR21>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1901-2NR21&lang=en



