

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 mm ²	
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



