



M12 branch for AS-Interface flat cable, with M12 socket, with lever

product brand name	SIRIUS
product category	AS-Interface accessories
product designation	AS-i flat cable transition to M12
design of the product	AS-i M12 branch, for AS-i flat cable, M12 socket, 2-pole, IP67, lever-type connection
suitability for use	can be used for AS-i flat cable (yellow) and AUX flat cable (black) connections
General technical data	
number of sockets	1
operating voltage at DC rated value	60 V
operating voltage at AC rated value	50 V
operational current rated value	4 A
number of poles	2
contact rating maximum	4 A
operating resource protection class when installed	3
degree of pollution	3
overvoltage category	III
protection class IP	IP67
Substance Prohibitance (day/month/year)	05/01/2012
Net Weight	0.017 kg
material	
• of the flat cable contacts • of the enclosure • of the threaded bushing • of the plug-in connectors • of the plug-in connector seal • of the plug-in connector contacts • of packaging	bronze, tin-coated PA, glass-fiber reinforced, UL94-HB brass, nickel-plated PA, glass-fiber reinforced, UL94-HB FKM bronze, tin-coated LDPE
Installation/ mounting/ dimensions	
mounting type	screw mounting with fixing lugs
height	30 mm
width	22 mm
length	50 mm
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
• during operation • during storage	-25 ... +75 °C -25 ... +75 °C
Connections/ Terminals	
type of electrical connection	insulation piercing method for AS-Interface flat cable

design of the AS-Interface connection	1x M12 socket
feeder type	M12 socket, A-coding
mounting type of the flat cable	lever-type connection
installation or assembly note	flat cable end not permitted in the branch (without end cap)
tightening torque at the M12 connection	0.4 ... 0.6 N-m
contact assignment of the M12 connection for connecting an AS-i flat cable • at pin 1 • at pin 2 • at pin 3 • at pin 4 • at pin 5	ASI+ not connected ASI- not connected not connected
contact assignment of the M12 connection for connecting an AUX flat cable • at pin 1 • at pin 2 • at pin 3 • at pin 4 • at pin 5	AUX+ not connected AUX- not connected not connected

UL/CSA ratings

operating voltage at DC according to UL rated value	42 V
operating voltage at AC according to UL rated value	30 V
operational current according to UL 508 rated value	4 A
certificate of suitability UL approval	Yes

Approvals Certificates

Environment	General Product Approval	other
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[Environmental Confirmations](#)



[Confirmation](#)

other



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=3RX9801-0AA01>

Cax online generator

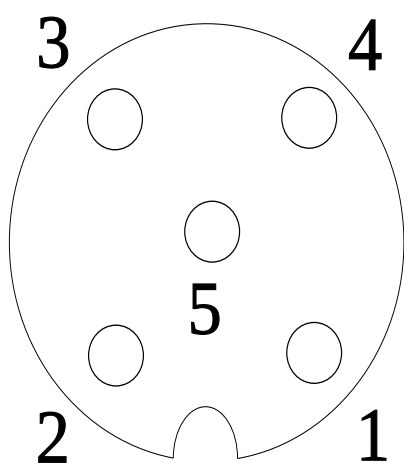
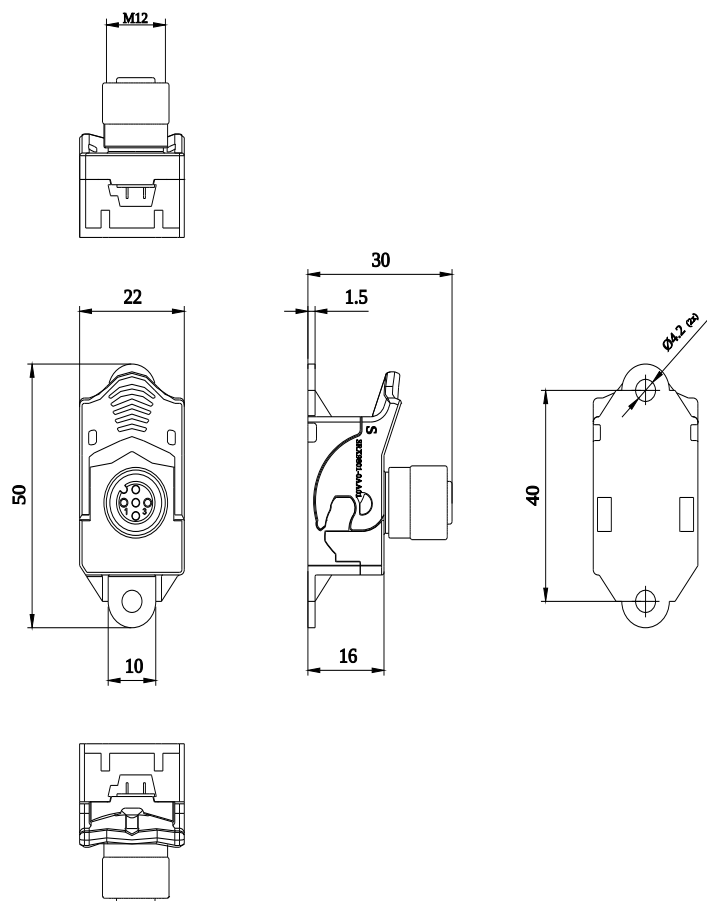
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9801-0AA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RX9801-0AA01>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9801-0AA01&lang=en



AS-i cable (yellow)

1	ASI+
2	
3	ASI-
4	
5	

AUX cable (black)

1	AUX+
2	
3	AUX-
4	
5	

