



0910 ASL 132

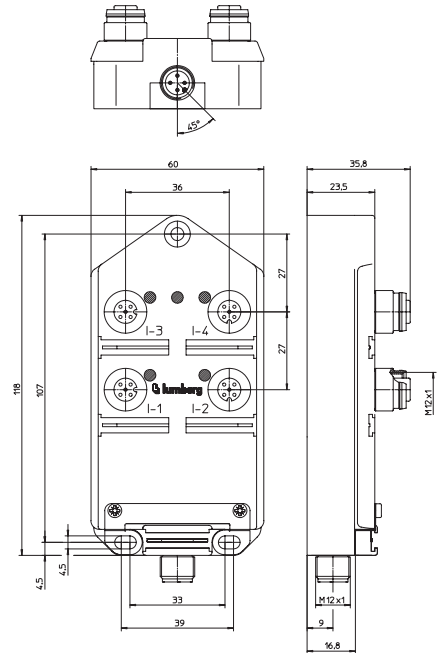


AS-Interface Module with 4-Digital Inputs

4 IN

AS-Interface module with 4 digital inputs to connect standard sensors, combined M12 socket, M12 bus connection.

– Replaces module 0910 ASL 112 –



Bit Assignment

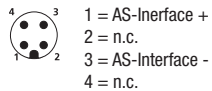
Bit	-	-	-	-	3	2	1	0
M12 Input								
Byte 0	-	-	-	-	I-4	I-3	I-2	I-1

Diagnostic Indication

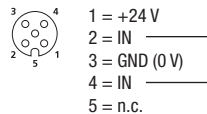
LED	Indication	Condition
I-1..4	yellow	channel status
U-AS-i	green	AS-Interface power supply active

Pin Assignments

Bus connection M12



Input M12





Be Certain with Belden

AS-Interface Module with 4-Digital Inputs

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Technical Data

Environmental

Degree of protection	IP 67
Operating temperature range	-25°C (-13°F) to +80°C (+176°F)
Weight	200 g
Housing material	PUR

Bus system

AS-Interface profile	S 0.A.E
I/O configuration	0 hex
ID code	0 hex
ID2 code (extended ID-code)	F hex
Support A/B addressing	yes

Electronics power supply

Rated voltage	AS-Interface net
Voltage range	26.5–31.6 V DC
Power consumption	max. 250 mA
Reverse polarity protection	yes
Indication	LED green

Input power supply

Voltage range (AS-Interface net)	17–30 V
Total current of all sensors	max. 200 mA
Short circuit-proof	yes

Inputs

Rated input voltage	Type 2 acc. to IEC 61131-2
Signal state "1"	24 V DC
Signal state "0"	Us > 11 V / Is > 6 mA
Input current at	Is < 2 mA
Input circuit	15 mA
Number of digital channels	p-switching
Channel status indicator	4
	LED yellow per channel

Diagnostic

Indication	LED red
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Connection via cordset, double-ended

M12 / M12	0915 034 101/... M
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Included in delivery / Accessories

Dust covers M12	2 pieces
Attachable label	10 pieces

Part Number

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The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.