



**Product information**  
**0910 ASL 501**  
**30606**

<b>Name</b>	
0910 ASL 501	
	
AS-Interface module with 4 digital inputs to connect M8 standard sensors, M8 bus connection	
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	0910 ASL 501
<b>Order No.</b>	30606
<b>Description</b>	AS-Interface module with 4 digital inputs to connect M8 standard sensors, M8 bus connection
<b>Diagnostics</b>	According to the AS-Interface specification 2.1, periphery errors like short circuits or overloads can be sent to the master in the form of a group diagnostics. In addition, there is a status LED on the relevant slave.
<b>Note</b>	The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.
<b>Color of housing</b>	orange
<b>Product characteristics</b>	Oil resistance, EMC resistance, Vibration resistance
<b>Classification</b>	
<b>Belden class</b>	I/O Modules with Digital Inputs (DI)
<b>Belden brand</b>	Lumberg-Automation
<b>Mechanical data</b>	
<b>Weight</b>	100 g
<b>Dimensions (W x H x D)</b>	20.6 mm x 108 mm x 38.4 mm
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-15 °C ... 60 °C
<b>Degree of protection (IP), mounted</b>	IP67
<b>Materials</b>	
<b>Housing material / Molded body</b>	PUR
<b>Bus system</b>	
<b>Fieldbus system</b>	AS-Interface Version 2.1
<b>Bus Connection</b>	M8
<b>Device Identification</b>	AS-Interface profile: S O.A.E; I/O configuration: 0 hex; ID code: A hex; ID2 code: E hex
<b>Support A/B addressing</b>	Yes
<b>Supply Fieldbus Interface</b>	
<b>Supply Fieldbus Interface</b>	AS-Interface net
<b>Voltage range (Supply Fieldbus Interface)</b>	26.5 - 31.6 V DC
<b>Current consumption (Supply Fieldbus Interface)</b>	max. 120 mA
<b>Reverse polarity protection (Supply Fieldbus Interface)</b>	Yes
<b>Function Indicator (Supply Fieldbus Interface)</b>	LED green
<b>Sensors power supply</b>	
<b>Sensors power supply</b>	AS-Interface net
<b>Voltage range (Sensor power supply)</b>	17-30 V
<b>Sensor current (at TU30°C) (Sensor power supply)</b>	max. 100 mA
<b>Short-circuit proof (Sensor power supply)</b>	Yes
<b>Inputs</b>	
<b>Input wiring</b>	Type 2 acc. to IEC 61131-2
<b>Signal type (Inputs)</b>	Digital Inputs
<b>Number of channels (Inputs)</b>	4
<b>Channel type (Inputs)</b>	N.O., p-switching

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.

Nominal input voltage	24 V DC
Voltage (Signal status "1") - Explanation	$U_S > 11 \text{ V} / I_S > 6 \text{ mA}$
Voltage (Signal status "0") - Explanation	$I_S < 2 \text{ mA}$
Channel status indicator (Inputs)	LED yellow per channel
Diagnostic indication (inputs)	LED red
Input current at 24 V DC (typ.)	15 mA
Connection (Inputs)	M8 / M8 (e.g. RSMV-RKMV, please see product group cordsets double-ended)

**Scope of delivery and accessories**

Scope of delivery	Dust covers M8 - 2 pieces, Attachable label - 1 piece
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**Picture**

**Drawing**

