



Product information
0910 ASL 425
52858

Name	
0910 ASL 425	
	
AS-Interface module with housing and receptacle shells in stainless steel, 4 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect standard actuators, M12 bus connection – especially designed for food and beverage equipment –	
Delivery informations	
Availability	available
Product description	
Type	0910 ASL 425
Order No.	52858
Description	AS-Interface module with housing and receptacle shells in stainless steel, 4 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect standard actuators, M12 bus connection – especially designed for food and beverage equipment –
Diagnostics	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.
Note	The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.
Color of housing	silver
Product characteristics	Oil resistance, Acids resistance, EMC resistance, Vibration resistance
Classification	
Belden class	I/O Modules with Digital Inputs and Outputs (DI/DO)
Belden brand	Lumberg-Automation
Mechanical data	
Weight	550 g
Dimensions (W x H x D)	60 mm x 172 mm x 49 mm
Environmental conditions	
Environmental temperature	-25 °C ... 80 °C
Degree of protection (IP), mounted	IP69K
Materials	
Housing material / Molded body	stainless steel
Approvals	
Approvals	UL
Bus system	
Fieldbus system	AS-Interface Version 2.1
Bus Connection	M12
Device Identification	AS-Interface profile: S 7.FE; I/O configuration: 7 hex; ID code: F hex; ID2 code: E hex
Support A/B addressing	No
Supply Fieldbus Interface	
Supply Fieldbus Interface	AS-Interface net
Voltage range (Supply Fieldbus Interface)	26.5 - 31.6 V DC
Current consumption (Supply Fieldbus Interface)	max. 250 mA
Reverse polarity protection (Supply Fieldbus Interface)	Yes
Function Indicator (Supply Fieldbus Interface)	LED green
Sensors power supply	
Sensors power supply	AS-Interface net
Voltage range (Sensor power supply)	17-30 V
Sensor current (at TU30°C) (Sensor power supply)	max. 200 mA
Short-circuit proof (Sensor power supply)	Yes

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.



Actuator power supply

Actuator power supply	AUX with potential separation
Nominal voltage (Actuator power supply)	24 V DC
Voltage range (Output power supply)	10 V ... 30 V
Reverse polarity protection (Output power supply)	Yes
Indication (Output power supply)	LED green

Inputs

Input wiring	Type 2 acc. to IEC 61131-2
Signal type (Inputs)	Digital Inputs
Number of channels (Inputs)	4
Channel type (Inputs)	N.O., p-switching
Nominal input voltage	24 V DC
Voltage (Signal status "1") - Explanation	$U_S > 10 V / I_S > 4.7 mA$
Voltage (Signal status "0") - Explanation	$I_S < 1.5 mA$
Channel status indicator (Inputs)	LED yellow per channel
Input current at 24 V DC (typ.)	15 mA

Outputs

Output wiring	Type 2 A acc. to IEC 61131-2
Signal type (Outputs)	Digital Outputs
Number of channels (Outputs)	4
Channel type (Outputs)	N.O., p-switching
Nominal output current per channel	2 A
Short-circuit proof (Outputs)	Yes
Max. output current per module (Outputs)	4 A per module
Overload-proof (Outputs)	Yes
Channel status indicator (Outputs)	LED yellow per channel
Diagnostic indication (outputs)	LED red

Scope of delivery and accessories

Scope of delivery	Dust covers M12 - 4 pieces
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Picture

Drawing

