

Iumbergautomation A BELDEN BRAND

Product information 0910 ASL 425 52858

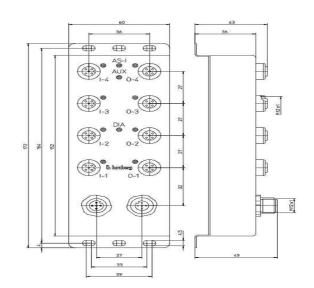
Name	0910 ASL 425
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	AS-Interface module with housing and receptacle shells in stainless steel, 4 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect sensors and 4 digital outputs (2 A) to connect sensors and 4 digital outputs (2 A) to connect sensors and 4 digital outputs (2 A) to connect sensors an
Delivery informations	standard actuators, M12 bus connection – especially designed for food and beverage equipment –
Availability	available
Product description	
Туре	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	VO Modules with Digital Inputs and Outputs (DVDO)
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 Indentification	AS-Interface profile: S 7.F.E; 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
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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
Picture	

Drawing



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