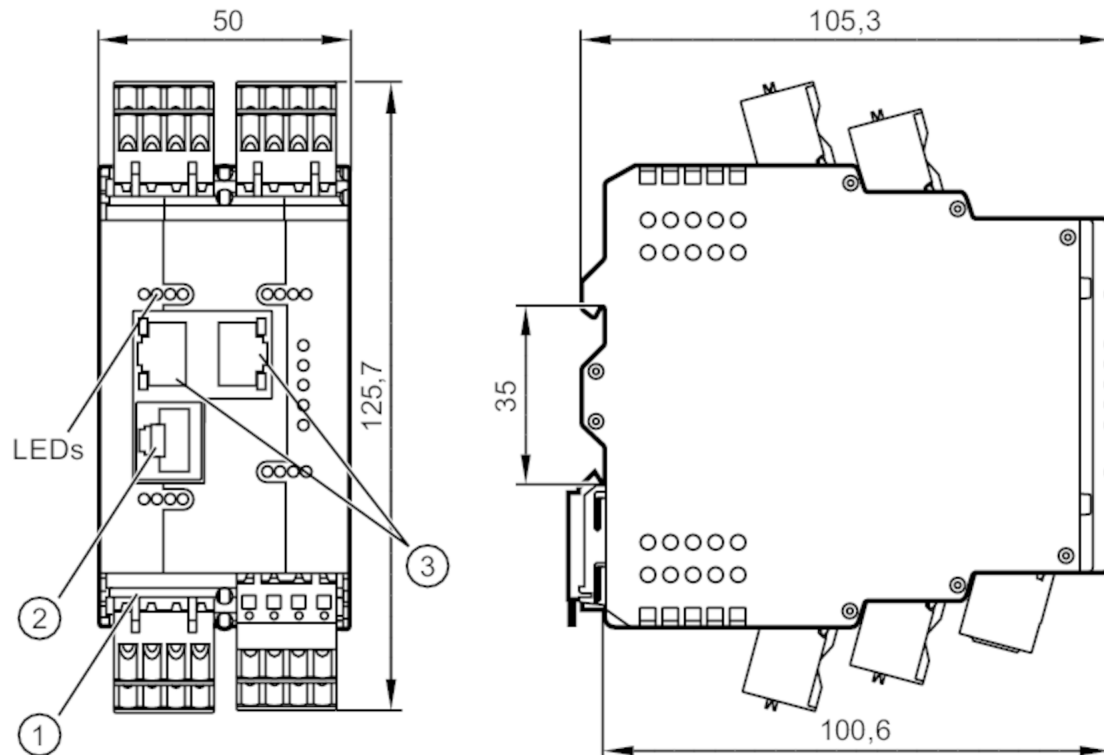


AL1900



IO-Link master with PROFINET interface

IO-Link Master CL PN 8P IP20



- 1 COMBICON-Stecker
- 2 IoT-Port
- 3 PROFINET-IO-Datenschnittstelle



Application

Application I/O modules for use in the control cabinet

Electrical data

Operating voltage [V] 20...30 DC; (US; to SELV/PELV)

Current consumption [mA] 300...3900; (US)

Protection class III

sensor supply US

Max. current load total [A] 3.6

Inputs / outputs

Total number of inputs and outputs 16; (configurable)

Inputs

Number of digital inputs 8; (IO-Link Port Class A)

Switching level high [V] 11...30

Switching level low [V] 0...5

Digital inputs protected against short circuits yes



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Outputs		
Number of digital outputs	8; (IO-Link Port Class A)	
Max. current load per output [mA]	200	
Short-circuit proof	yes	
Interfaces		
Communication interface	Ethernet; IO-Link	
Ethernet - Internet of Things		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10; 100	
Protocol	TCP/IP JSON	
Factory settings	IP address: 169.254.x.x	
	subnet mask: 255.255.0.0	
	gateway IP address: 0.0.0.0	
	MAC address: see type label	
Ethernet - PROFINET		
Transmission standard	10Base-T; 100Base-TX	
Transmission rate	10; 100	
Protocol	PROFINET IO	
Factory settings	IP address: 0.0.0.0	
	subnet mask: 0.0.0.0	
	gateway IP address: 0.0.0.0	
	MAC address: see type label	
IO-Link Master		
Transmission type	COM 1 / COM 2 / COM 3	
IO-Link revision	1.1	
Number of ports class A	8	
Operating conditions		
Ambient temperature [°C]	-25...65	
Storage temperature [°C]	-25...85	
Max. relative air humidity [%]	90	
Protection	IP 20	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
MTTF [years]	90	
Mechanical data		
Weight [g]	324.2	
Materials	housing: PA	
Accessories		
Accessories (supplied)	COMBICON connectors: 9	
Remarks		
Remarks	For further information please see the operating instructions.	
Pack quantity	1 pcs.	



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Electrical connection

voltage supply X31

1	GND (US)
2	GND (US)
3	+ 24 V DC (US)
4	+ 24 V DC (US)

IO-Link Port Class A X01...X08

1	Sensorversorgung (US) L+
2	digital input
3	Sensorversorgung (US) L-
4	C/Q IO-Link

Electrical connection - Ethernet

Connector: RJ45

