

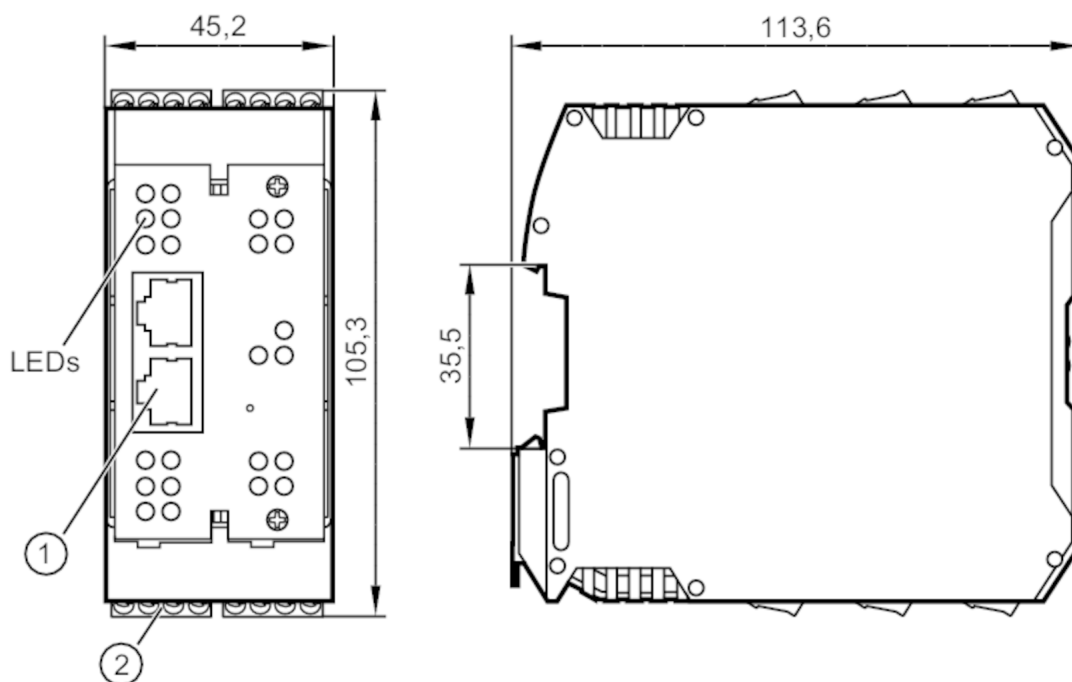
IO-Link master with PROFINET interface

IO-Link Master CL PN 8P IP20

phase-out article

Alternative articles: AL1900

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Ethernet interface
- 2 screw terminals



Application

Application I/O modules for use in the control cabinet

Electrical data

Operating voltage	[V]	18...30 DC
Nominal voltage DC	[V]	24
Max. power consumption	[VA]	2.4
Max. current load total	[A]	2

Inputs / outputs

Total number of inputs and outputs	20
Number of inputs and outputs	Number of digital inputs: 18; Number of digital outputs: 10

Inputs

Number of digital inputs	18; (8 x 2 + 2 x 1)
Input circuit of digital inputs	PNP
Power supply	[V] 24
Max. total current rating of inputs	[mA] 1600
Input current limitation	[mA] 200



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Short-circuit protection digital inputs	yes	
Digital inputs protected against short circuits	yes	
Overload protection digital inputs	yes	
Outputs		
Number of digital outputs	10	
Circuit	PNP	
Max. current load per output [mA]	200	
Short-circuit protection	yes	
Electrically separated	no	
Actuator supply outputs	24 V DC	
Interfaces		
Communication interface	IO-Link; Ethernet	
Ethernet		
Transmission rate	10; 100	
Protocol	PROFINET	
IO-Link Master		
Transmission type	COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Number of ports class A	8	
Operating conditions		
Ambient temperature [°C]	0...70	
Storage temperature [°C]	-20...70	
Max. relative air humidity [%]	95	
Protection	IP 20	
Tests / approvals		
Shock/vibration resistance	EN60068-2-6; EN60068-2-27	
Mechanical data		
Weight [g]	407	
Dimensions [mm]	105.3 x 45.2 x 113.6	
Materials	housing: PA	
Displays / operating elements		
Display	switching status	LED, yellow
	operation	LED, green
	errors	LED, red
	function	LED, yellow
Remarks		
Pack quantity	1 pcs.	



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Electrical connection

screw terminals: ; Spacing: 20 mm

	external voltage
1	V- external voltage GND DC
2	V- external voltage GND DC
3	V+ external voltage +24 V DC
4	V+ external voltage +24 V DC
	IO-Link port 1...8
1	L+ Sensor supply +24 V DC
2	L- Sensor supply GND DC
3	DI digital input
4	C/Q IO-Link / DI / DO
	internal voltage digital input/output
1	L+ Sensor supply +24 V DC
2	L- Sensor supply GND DC
3	DI digital input
4	DO digital output