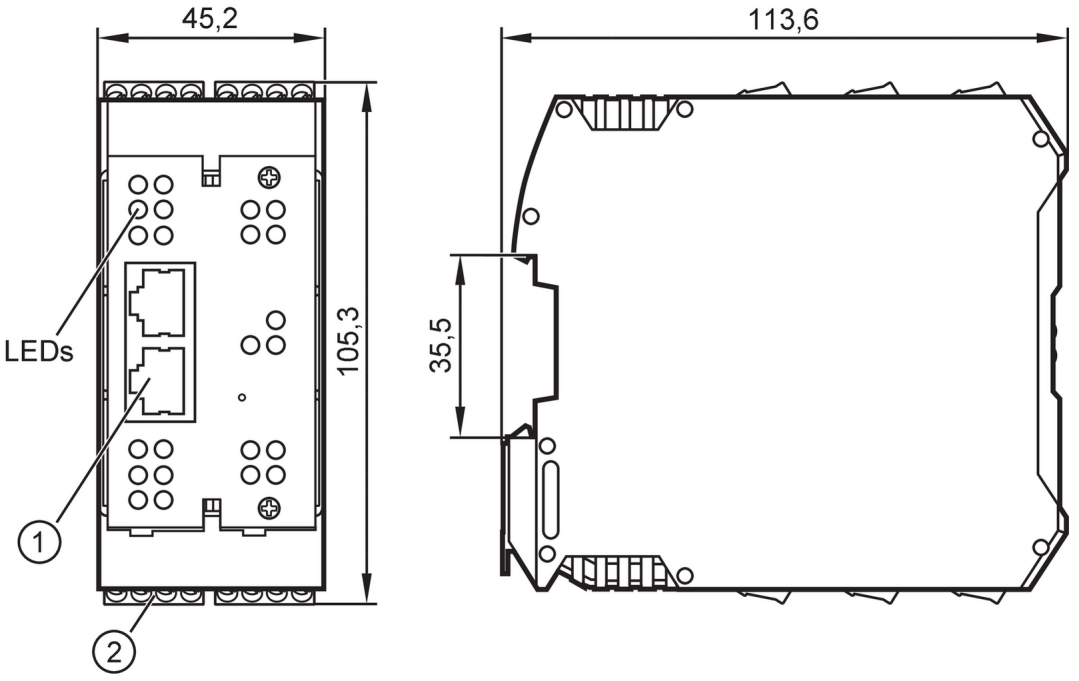
AY1000

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		
Design		housing for DIN rail mounting
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

AY1000

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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
Housing		rectangular
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))
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