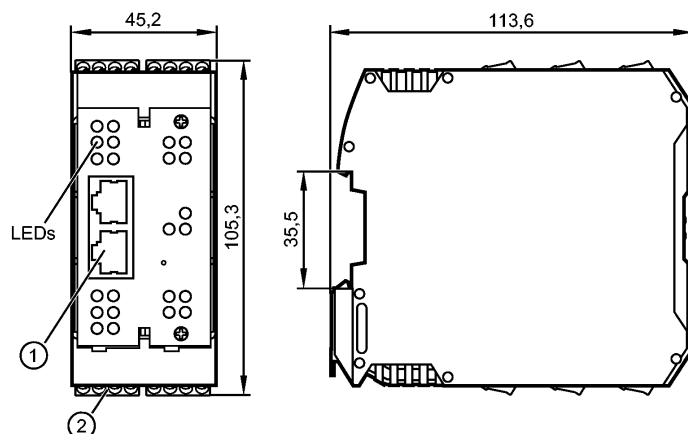


AY1020

IO-Link Master CL EIP 8P IP20

Industrial communication



Product characteristics

IO-Link master with EtherNet/IP interface
Screw terminal
I/O modules for use in the control cabinet
IO-Link master 8 ports A and B variable
LineRecorder Agent embedded
2 Ethernet ports with integrated switch
Additional binary inputs and outputs can be configured
Housing for DIN rail mounting

Electrical data

Electrical design	8 IO-Link ports / 10 digital inputs / 2 digital inputs or outputs	
Nominal voltage [V]		24 DC
Operating voltage [V]		18...30 DC
Max. current load per module [mA]		2000
Power consumption [VA]		2.4

Inputs

digital		
Circuit		PNP
Voltage range [V]		24 DC
Max. current load for all inputs total [mA]		1600
Input current limitation [mA]		200
Short-circuit protection		yes
Short-circuit proof		yes
Overload protection		yes

Outputs

digital		
Output function		PNP
Actuator supply		24 V DC
Max. current load per output [mA]		200
Electrically separated		no
Short-circuit protection		yes
Overload protection		yes

AY1020

IO-Link Master CL EIP 8P IP20

Industrial communication

Interfaces		
Communication interface		EtherNet/IP
Data interface		Ethernet 10/100 MBit, TCP/IP, Modbus TCP
IO-Link Master		
Transfer type		COM 1 / COM 2 / COM 3
IO-Link revision		V1.1
SDCI standard		IEC 61131-9
Number of ports		8
Port type		A + B
Pin 2		Digital input
Environment		
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		
Housing materials		housing: polyamide
Weight	[kg]	0.405
Displays / operating elements		
Output status indication	LED	yellow
Power	LED	green
Error	LED	red
Function display	LED	yellow
Electrical connection		
Max. cable length	[m]	20
Wiring 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		
Remarks		
Pack quantity	[piece]	1