Ethernet Connection Box

ZAI02PN02

Part Number

- **16 freely selectable input and output pins**
- **2 Industrial Ethernet ports**
- **8 digital I/O ports**
- **High protection class IP67**
- **Max. Switching Current Switching Outputs: 2 A**
- **Rugged aluminium housing**

Technical Data

Electrical Data	
Supply Voltage	18...32 V DC
Power consumption of device max.	0,1 A
Power consumption of system max.	1,8 A
Max. Switching Current Switching Outputs	2 A
max. total current of the digital I/O ports	9 A
Switching Output Voltage Drop	< 2,5 V
Temperature Range	-25...60 °C
Sensor Supply Voltage (Pin 1)	200 mA
Inputs according to DIN EN 61131-2:2003	Type 2
Digital I/O ports short circuit protected	yes
Digital I/O ports overload protected	yes
Digital I/O ports reverse polarity protected	yes
Standard I/O-Pins	16
Baud Rate	10/100 Mbit/s
Transmission Mode	Full/Half Duplex
Switch Mode	Store & Forward
VLAN Prioritization	yes
Auto-Crossover	yes
Auto-Negotiating	yes
Auto-Polarity	yes
Interface	PROFINET
Protection Class	III
Mechanical Data	
Material	Aluminum
Weight	1100 g
Degree of Protection	IP67
Type of Connection Power	2 × 7/8", 5-pin
Type of Connection Industrial Ethernet Ports	2 × M12; 4-pin
Type of connection digital I/O ports	8 × M12; 4-pin
Web server	yes
PROFINET IO, CC-B	●
Connection Table No.	53
Suitable Connection Equipment No.	78

This connection allows simple connecting of up to 16 PNP sensors and actuators to an Industrial Ethernet network.

Complementary Products

Locking Screw for 7/8" Z0028	
Locking Screw for M12 Z0027	

Industrial Communication

All dimensions in mm (1 mm = 0.03937 Inch)