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**

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

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 Technology No.	78

Complementary Products

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

Industrial Communication

All dimensions in mm (1 mm = 0.03937 Inch)