Ethernet Connection Box

ZAI02CN01



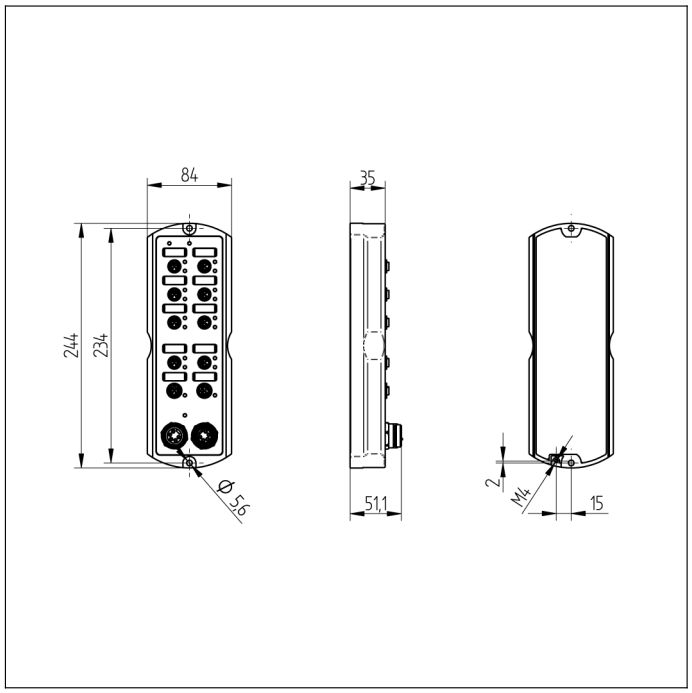
- **16 freely selectable input and output pins**
- **2 Industrial Ethernet ports**
- **8 digital I/O ports**
- **High protection class IP67**
- **Rugged aluminium housing**

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	0,6 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	100 Mbit/s
Transmission Mode	Full Duplex
Auto-Crossover	yes
Auto-Negotiating	yes
Auto-Polarity	yes
Interface	EtherCAT
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
EoE (Ethernet over EtherCAT)	yes
EtherCAT	●
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


84
35
244
234
Ø 56
51.1
2
M4
15