

Cabinet Guard

General information

- Order number 700-210-1AA01
- Article name Cabinet Guard
- Scope of delivery Cabinet Guard with plug
- Dimensions (DxWxH) 55 x 24 x 109 mm (without plug)
- Weight approx. 150g

Ethernet interface (X1)

- Quantity 1
- Connection RJ45
- Transmission rate 10/100 Mbit/s
- Type 10Base-T, 100Base-TX
- Protocols HTTPS web server, ModbusTCP, MQTT, SNMP

Digital IOs (X2)

- Inputs 5, type 3 according to DIN EN 61131-2
- Outputs 2, 200mA 24V DC, with electronic fuse

Analogue inputs (X3)

- Inputs 2
- Type NTC 10KOhm, 2-wire
- Measuring accuracy -50°C ... +350°C, +/- 0.1°C

Environmental sensor (internal)

- Temperature measurement -20°C ... +80°C, +/- 2°C
- Humidity 30% r.H. ... 90% r.H., Tol.: +/- 5%
- Air pressure measurement hPa, Tol.: +/- 1.7 hPa @ 25°C .. 60°C

Distance sensor

- Type Optical Time-of-Flight (TOF)
- Distance, accuracy 3 cm ... 100 cm, +/- 6%

Motion sensor

- Functions 3-Axis Accelerometer: Vibration, shock, orientation, acceleration
- Resolution +/- 16g, bandwidth: 1.3kHz



Status display

- LEDs 4

Power supply

- Operating voltage DC 24 V, 12...30 V DC
- Current consumption max. 85 mA at 24 V DC
- Power loss Max. 2 W
- Measurement of supply voltage 10V ... 30V, +-3%

Ambient conditions

- Ambient temperature -20 °C ... +60 °C
- Transport and storage temperature -40 °C ... +85 °C
- Relative humidity 95 % r. H. without condensation
- Pollution degree 2
- Protection class IP20
- Approvals CE, UL in preparation
- EMC DIN EN IEC 61000-6-2 2019-11, DIN EN IEC 61000-6-4 2020-09
- Vibration and shock DIN EN 60068-2-8:2008 "Vibration", DIN EN 60068-2-7:2010 "Shock", DIN EN 60068-2-31:2009-04 "Free fall"