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1. Key performance features

Measurement data storage from common 2/3-wire 4-20 mA sensors

Operating time detection by means of analog or digital input threshold value

Frequency/speed measurement via digital input

Data transmission via 2G/4G LTE, Ethernet, WLAN, Bluetooth

External antenna for LTE, Bluetooth, WLAN, GPS/GLONASS

Protected against reverse polarity and overvoltage

Dust and water protected housing IP66/67, for rough outdoor use

Easy mounting and retrofitting

2. Positioning GNSS

GPS, GLONASS, BEIDOU, GALILEO and QZSS satellite system

3. Radio protocols

Bluetooth 5

WLAN 2,4 (802.11a/b/g/n)

2G/4G (GPRS/EDGE/LTE-FDD/CAT4)

4. Identification

NFC (RFID)

5. Interfaces hardware

1 x Ethernet 10/100 MBit/s – M12-D, galvanically isolated

8 x Analog-In 4-20 mA – M12-A, galvanically isolated

2 x Digi-In max. 24V / 50kHz – M12-A

3 x Digi-Out max. 24V / 0,25A, M12-A

1 x USB 2.0 – M12-B

4 x SMA for external antennas

Power supply: 24V – M12-A

6. Physical properties

Power supply: 24VDC +/- 10%. Recommended: 3,8 A (total)

IP-protection classes: IP66/67

Ambient temperature (operating): -30°C to +60°C / Storage temperature: -40°C to 85°C

Size: 234x125x69 mm (incl. wall brackets & M12 connection sockets)

7. System requirements

Web Browser: Firefox, Safari, Chrome, Edge

8. Accessories

Antenna (optionally): GPS, LTE, Wifi/Bluetooth

Mounting material (optionally)

Power supply unit (optionally)