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1. Key performance features

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

4-20 mA analog inputs via pin selectable between active and passive

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

rpm / frequency by means of digital input

Data transmission via 2/3/4G LTE, Ethernet, WLAN, Bluetooth

External antenna for LTE, Bluetooth, WLAN, GPS

Protected against reverse polarity and overvoltage

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

Easy mounting and retrofitting

2. GNSS

GPS

3. Radio protocols

Bluetooth 5

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

2G/2.5G/3G/4G (GPRS/EDGE/UMTS/HSPA+/LTE-FDD)

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 / 10KHz- 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: 235x110x68 mm

7. System requirements

Web Browser: Firefox, Safari, Chrome, Edge

8. Accessories

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

Mounting material (optionally)

Power supply unit (optionally)