

# PROFINET amplifier

For quickly recording sensor signals

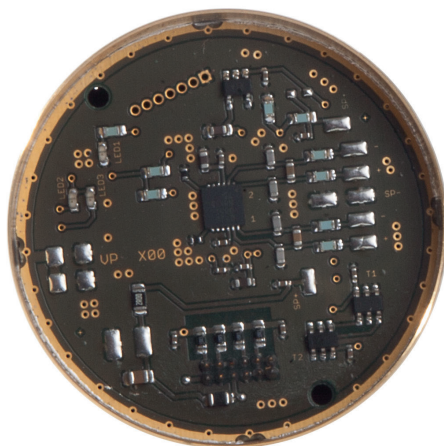
Sensors with PROFINET connections are used where the fastest possible data exchange is required. Thanks to their realtime capability, data and alarms can be sent within the shortest possible time. The integrated service website enables you to simply call up all relevant sensor data for diagnosis. The system performance can be considerably enhanced by using PROFINET. In addition the flexible topology, with one cable for all applications and the possibility of wireless transmission via WLAN, facilitates simple operation.

## Applications

- Safety-critical applications
- Time-critical data exchange
- Data transmission via WLAN

## Features

- High EMV resistance
- Realtime capability
- High performance
- Cycle times  $\leq 10$  ms



# PROFINET amplifier

## Technical data

|                                                 |                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------|
| Supply voltage                                  | 9 bis 36 VDC                                                                             |
| Temperature range                               | -40 bis +80 °C                                                                           |
| Output signal                                   | PROFINET, optional PROFIsafe<br>nach DIN EN 61158 und DIN EN 61784                       |
| Conformity class                                | PROFINET IO, RT, class A,<br>100MBit/s (100BASE-TX), full duplex                         |
| Diagnosis                                       | Via PROFINET and service-website                                                         |
| Interference immunity                           | Up to 200V/m HF, 100 mA BCI<br>in accordance with ISO 11452,<br>DIN EN 61000-4, ISO 7637 |
| Interference emission                           | DIN EN 55025                                                                             |
| Types of electric protection                    | Polarity reversal protection, overvoltage protection<br>and short-circuit protection     |
| Safety rating in accordance with DIN EN 13849-1 | PL c, PL d                                                                               |



ISO 9001  
ISO 14001