

# PROFINET amplifier

For quickly recording sensor signals

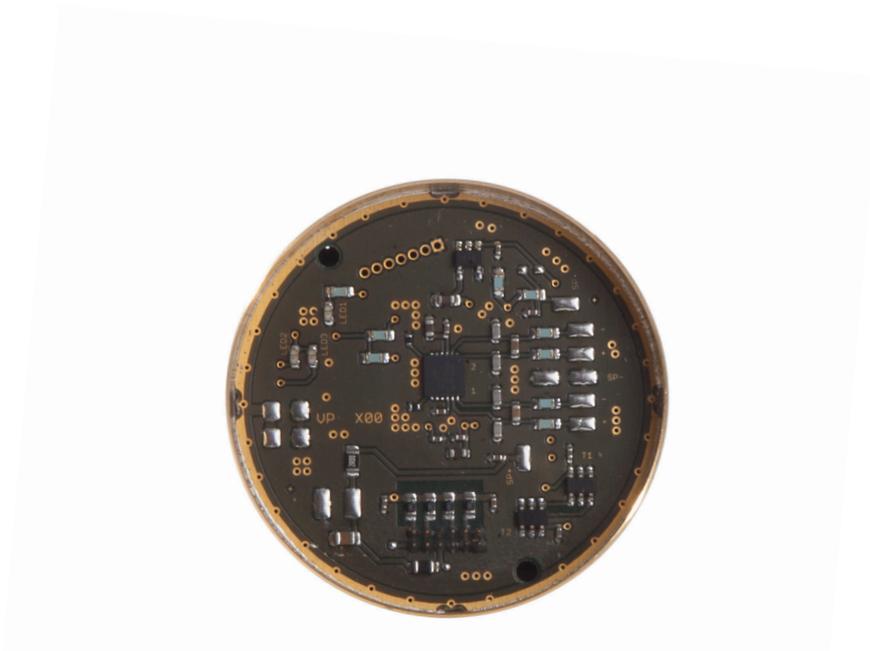
Sensors with PROFINET connections are used where the fastest possible data exchange is required. Thanks to their realtime capability, data and alarms can be sent within the shortest possible time. The integrated service website enables you to simply call up all relevant sensor data for diagnosis. The 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  $\leq 10\text{ms}$



# PROFINET amplifier

## Technical data

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



ISO 9001:2008  
ISO 14001:2004