

NivuLink Micro II

Self-sufficient gateway with mobile data transmission

ELECTRONICS

ACOUSTIC

WEIGHT

OVERLOADING
SAFETY SYSTEMS

VALVES

TEMPERATURE

DETECT
A FIRE®

FLOW

DENSITY

INTERFACE

PRESSURE

LEVEL

TF
149



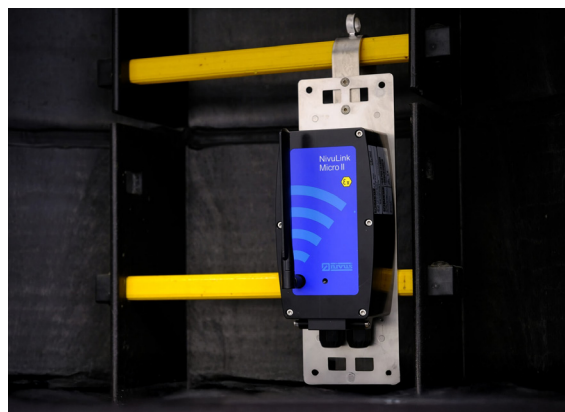
IoT for measurement places and plants without external power supply

The NivuLink Micro II is an integrated component of our consistent communication concept. The device is already added to the WebPortal at the time of delivery and thus immediately ready for use. Secure data transmission is an integral part of our connectivity and is guaranteed right from the start - that's what we call reliable plug & play.

The NivuLink Micro II is a self-sufficient gateway for the storage and automatic transmission of measurement data via 2G/3G/4G. Use in Ex zone 1 is also possible. The device enables the integration of decentralised measuring points into a control system. Three powerful batteries provide a reliable power supply for the connected sensors and the gateway for up to 7 years*. The data can be made available and processed either in the customer's own control system or in our powerful NIVUS WebPortal. Up to 4 universal inputs each serve as an analogue or digital interface and, in conjunction with the integrated HART interface, enable the connection of a wide range of sensor types. The counter function enables the connection of impulse counters. A

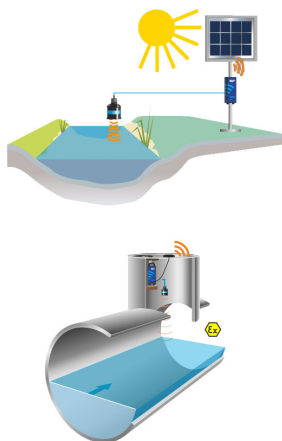
special event mode provides a higher temporal resolution of the measurement data. The associated upper and lower thresholds can be defined by the customer. Event operation can also be triggered via the digital input. In addition, the gateway has a sophisticated alarm management system. The NivuLink Micro II comes in a robust IP68 enclosure and is suitable for use in harsh environments.

** Measurement hourly, transmission daily*



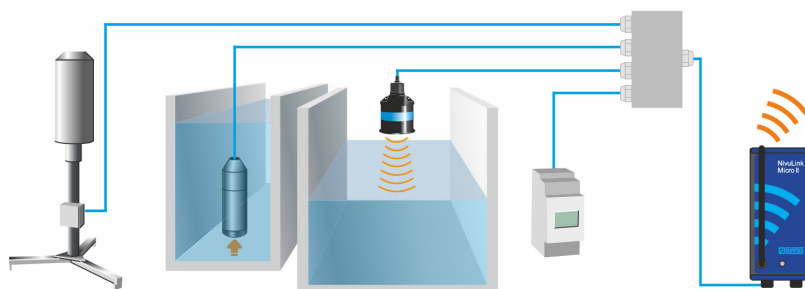
Benefits

- Very long battery life
- Consistent communication concept with VPN communication
- Use in Ex zone 1 possible
- Event operation can be individually configured
- Transmission cycle from 15 min.
- 4 Universal inputs (0-20 mA / 0-10 V or digital)
- Higher operational safety through monitoring of the sensor network



Reliable and quick commissioning

- Parameterisation on site or remote
- Integrated evaluation and display of echo profiles
- Reliable Plug & Play
- No separate software installation



Sophisticated alarm management

- Five upper and five lower alarm thresholds per measurement channel
- Freely configurable alarm thresholds and hysteresis
- Alarms sent by SMS or e-mail to freely definable groups of people
- Overview of all alarm messages

Warning messages

- Exceeding and falling below individually defined thresholds
- Sensor error / error analogue input

