

Technical data sheet

Produkt:**nivelo**

Stand:

22.07.2024



Housing	Stainless steel 1.4435
	Ø 42.4 mm x 165 mm with pressure compensation element
	Cable gland for cables from 3.6..6.4 mm
Protection class	IP65 / IP68
	IP68 - only with professional installation
Power supply	Lithium primary battery
	3.6 V / 5,500 mAh - can be replaced in the field
Remote transmission	Mobile radio
	Mobile radio LTE-CAT-M1 and LTE-CAT-NB2
	SIM chip integrated or with custom SIM
Near-field communication	Bluetooth
	Advertisement and configuration mode with app for parameterization in the field
Antenna	Rod antenna
	SMA, length 50 mm
Interface	I2C
Operating temperature	-20 °C ... +60 °C *
	Normal: -10 °C ... +60 °C
Sensor interfaces	RS485
	RS232 half-duplex
Internal sensors	Barometer ± 1 mbar
	Temperature ± 2 °C
	Humidity ± 3 %rH
	Supply voltage
Sensor supply	5..24 V, 1 W
Weight	approx. 650 g
Internal measurement data memory	approx. 8,000 data records

* Under special conditions such as low temperatures, poor mobile phone reception and partially discharged batteries, constellations may occur in which there may be occasional transmission failures in areas below the normal operating temperature range.