

Turbidity transmitter, Immersion Probe

TURBISENS



- Compact transmitter 4-20 mA
- Measurement according to ISO 7027, infrared light source 860 nm
- Selectable Ranges in FNU
0...50 /...100 /...200 /...500 /...1000 /...2000
- High resolution from 0.01 FNU
- Integrated 4 digits display for actual value, programming, settings
- Anti-fouling coating of optical windows
- Integrated automatic external light compensation
- Integrated colour/dirt compensation (switchable)

APPLICATIONS

Turbidity control of wastewater, sedimentation process...
Monitoring on wells, filtration units, tanks...

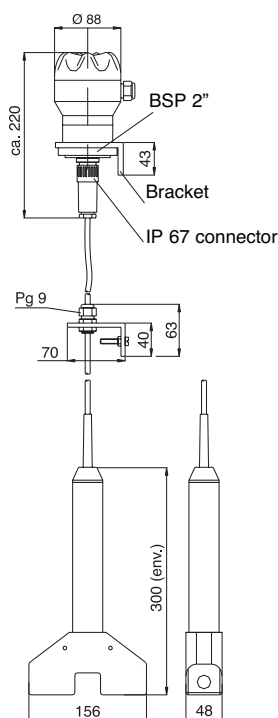
TECHNICAL FEATURES

Output: 4-20 mA
Power supply: 10 ... 30 V DC
Consumption: 1.2 W
0.7 W when measuring loop is powered separately

Selectable Ranges:

- 1 = 0 – 50 FNU
- 2 = 0 – 100 FNU
- 3 = 0 – 200 FNU
- 4 = 0 – 500 FNU
- 5 = 0 – 1000 FNU
- 6 = 0 – 2000 FNU

External light compensation: Automatic
Colour/dirt compensation: Switchable
Resolution: 0.01 – 1.0 NTU (depending on scaled range)
Accuracy: ±5 % of reading
±1 % full scale of actual range in use
Housing: PBT Head, variable mounting bracket
Protection IP 65 (EN 60 529)
Ambient temperature: Maximal 45°C
Fitting: Connection BSP 2" / bracket and PG
Display: 4 digits for actual value, programming and settings
LED status: On alarms and function
Configuration: Rotating potentiometer and push button
Sensor: PVC immersion probe
Protection: IP68 (EN 60 529)
Maximal immersion: 10 m – maximal pressure 1 bar
Media temperature: Maximal 60°C
Cable: TPK, length 6 m (other on request), housing PG IP67
CE label: According to 73/23/CE and 89/336/CE



CODE NUMBER AND REFERENCE

Code 443 100

BAMO MESURES

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