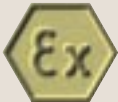


SUBMERSIBLE LEVEL SENSOR/ TRANSMITTER



ATEX
M 1
GROUP I & II
INTRINSICALLY
SAFE



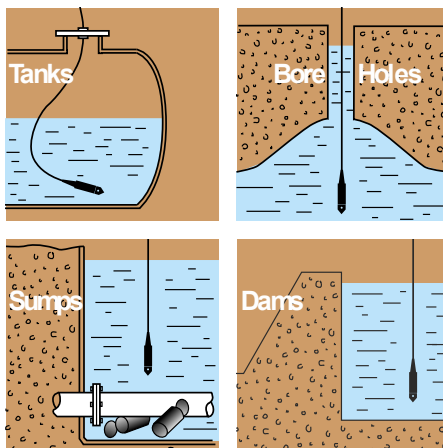
submersible, hydrostatic,
liquid level sensor for use in
reservoirs, pumping stations,
sumps, bore holes and tanks

robust

- Stainless steel, corrosion resistant housing.
- Heavy duty suspension cable with integral equalisation tube and strain cord.

highly accurate

- Stainless steel pressure sensing element provides an exceptionally stable output signal with negligible zero drift and remarkable overpressure capability.
- The stainless steel material of the sensing capsule is completely resistant to the most chemically aggressive products.
- 4...20mA analogue output



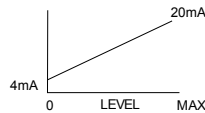
TUNNELS
•
MINING
•
RESERVOIRS
•
PUMPING
INDUSTRY



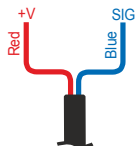
technical details...

Ambient Temp. Limits: -20°...80°C (Sensor).
 Sensing Principle: Piezo-resistive strain gauge.
 Depth Measuring Ranges: 2.5, 5, 10, 20, 50, 100 metres.
 Safe Over Pressure: 2 x measuring range.
 Overall Accuracy: 0.25% of range.
 Sensor Material: Stainless Steel.
 Protection Classification: IP68 (submersible).
 Electrical Connections: 4 core cable with vent tube and strain cord.

Maximum Suspended Length: 400 metres.
 Supply Voltage: 15...30V dc (Group II and G.P.).
 7...14V dc (Group I).
 Output Signal: 4...20mA.
 2 wire precalibrated for the specific depth measuring range.

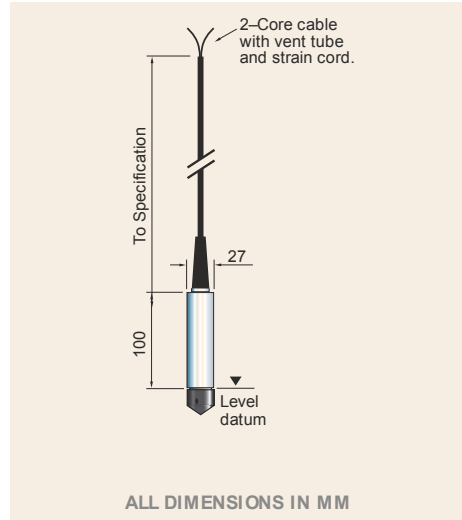


Connections:



Ex Certification: II 1 G EEx ia IIC T4.
 IM1 EEx ia I.

dimensions...



order reference...

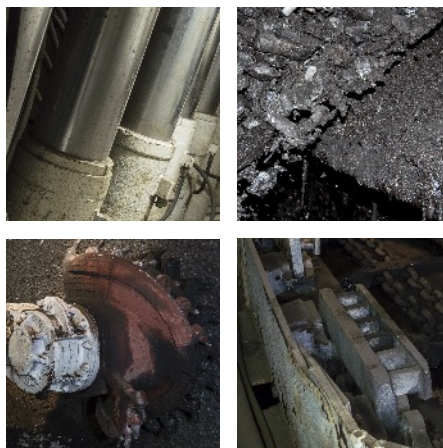
- TX5814.01 SUBMERSIBLE LEVEL SENSOR/TRANSMITTER**
 Precalibrated
GROUP I
- TX5814.02 SUBMERSIBLE LEVEL SENSOR/TRANSMITTER**
 Precalibrated
GROUP II
- TX5814.03 SUBMERSIBLE LEVEL SENSOR/TRANSMITTER**
 Precalibrated
GENERAL PURPOSE



Please specify:

- Depth measuring range in metres. (2.5, 5, 10, 20, 50, 100, metres.)
- Cable length required. (Max = 400 metres).
- Type of liquid if NOT water (standard calibration: SG=1).

Ex
ATEX
M 1
GROUP I & II
INTRINSICALLY
SAFE



TROLEX LIMITED
 NEWBY ROAD, HAZEL GROVE, STOCKPORT,
 CHESHIRE SK7 5DY, UK
+44 (0)161 483 1435
sales@trolex.com
www.trolex.com