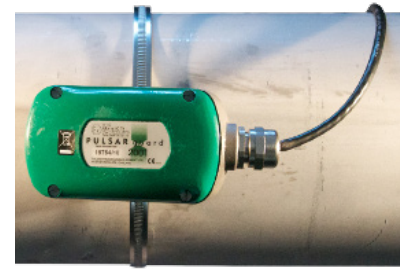


PULSARGUARD 2001 SAND SENSOR

Technical Specifications:

The sand sensor is perfect for a wide variety of applications and installation could not be simpler. The unit is connected to the outside of a pipeline with a stainless steel band, detecting changes in the acoustic signature of flow within the pipe and converting that into a sand/solids impact rate.



PHYSICAL

Dimensions: 70 mm H x 65 mm D x 118 mm L (2.75 in x 2.55 in x 4.64 in)

Weight: Nominal 1 kg (2.2 lb)

Operating Temperature:

- 20 °C to +80 °C (-4 °F to +176 °F)
- 200 °C (392 °F) with heat shunt fitted

Housing: Type 316 stainless steel

Ingress Protection: IP68

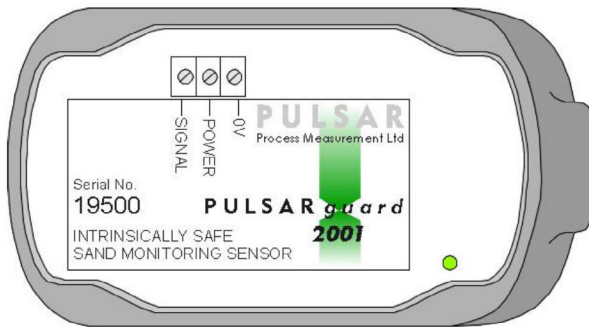
Flammable Atmosphere: ATEX EEx ia IIC T6 or EEx ia IIC T4 for ambient temp to 92 °C (197 °F)

Cable: 4 core cable with overall screen, wired to sensor terminals

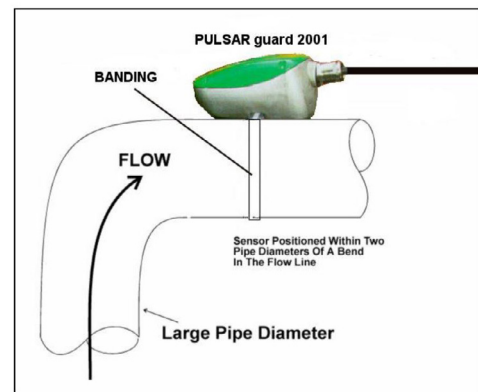
Output: 0-5 V DC

Power Supply: 24 V DC, protected by suitable intrinsically safe barrier

Type: Acoustic intrinsically safe flow switch



Pulsarguard 2001 Cable Connection Drawing



Pulsarguard 2001 Sensor Mounting Drawing