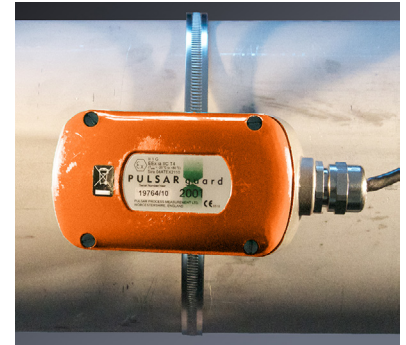


iSensys

PULSARGUARD 2001 SAND SENSOR

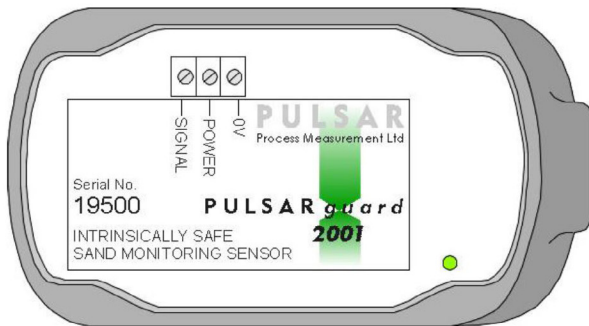
Technical Specifications:

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.

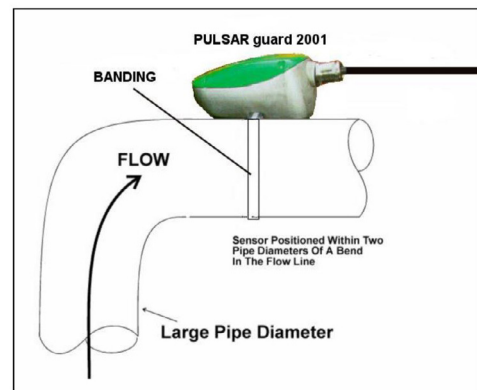


PHYSICAL

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:	<ul style="list-style-type: none"> -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:	24 V DC, protected by suitable intrinsically safe barrier



Pulsarguard 2001 Cable Connection Drawing



Pulsarguard 2001 Sensor Mounting Drawing