

9PIMS® HT SENSOR

TECHNICAL SPECIFICATION

The gPIMS® HT Sensor enables large-area corrosion monitoring at elevated pipe process temperatures, up to 200°C. It supports automated monitoring when used with a gPIMS® FCU (Field Control Unit), or scheduled monitoring using a Wavemaker® via a gPIMS® Connection Box.

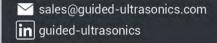
Un-z	coned high-temperature upstream/downstream pipe monitoring
	Piezo-electric
	2" to 48" (DN 50 to 1200)
	200 mm [8"]
	1.4 kg to 10.4 kg [3.3 lbs to 52.8 lbs]
	Silicone ⁽¹⁾
	Full Circumference
	200 mm [9"]
	40 mm [1"]
	-40°C to +200°C [-40°F to +392°F]
	+220°C [+428°F]
	No
	No
	High temperature epoxy resin
	+10°C to +90°C [+50°F to +194°F]
Time 1	5 minutes @ 90°C, double time for every decrease of 10°C
	Yes, up to 0.25 mm [0.01"] thick
	Yes

Cable Characteristics	
Fixed Cable Length	2 m [6.56 ft]
Cable Conduit	Stainless Steel
Diameter	16 mm [0.63"]
Maximum Extension Cable Length	50 m [164 ft]
Cable Conduit	PVC covered galvanised steel (2)
Operating Temperature Range	-20°C to +105°C [-4°F to +221°F]
Diameter	18 mm [0.7"]
Connector to Field Control Unit or Connection Box	Detachable (Souriau 851-series) (3)
Maximum Diameter	42.05 mm [1.66 "]

⁽³⁾ Suitable for cable routing through small gaps and upgrading to autonomous collectors.









⁽¹⁾ Resistant to: UV, water, oil, external shock.(2) Liquid tight, very high UV resistance, medium flexibility and fatigue life, resistant to oil, self-extinguishing, crush resistant.