

Intrinsically Safe Digital Manometers

P200 IS Series



Five of the Digitron manometer range can be supplied IS certified as individual units. All instruments are certified for use in inflammable or explosive atmospheres.

Certified by BSEefa, UK's leading Intrinsic Safety approvals house, the units are classified as EEx ia IIC T4 This certification is equivalent to EN60079-0:2004 and EN50020:2002. The units are ready for site use anywhere, immediately. P200 instruments are suitable for use with non-corrosive, non-ionic liquids and gases. Liquid pressure can be measured using an air buffer.

Case proven! - their tough construction makes them extremely durable and, therefore functional in not only hazardous atmospheres but also rough environments.

Where safety and accuracy matter the P200IS is the best in pressure instrument for the user working in dangerous environments.

Key Features

- Certified to EEx ia IIC T4
- High accuracy
- Choice of pressure ranges
- Robust case
- Clear, digital display
- Battery life for 300 hours



P200H.is



Intrinsically Safe Digital Manometers P200 IS

Specification

Resolution	'Lo' denotes low range/high resolution 'Hi' denotes high range/low resolution	
Accuracy (Combined Hysterisis and linearity)	20°C to 30°C -0.1% rdg +0.1% fs + 1 digit	
	-20°C to 50°C -0.15% rdg +0.15% fs + 1 digit	
Maximum Over Pressure (Max line pressure)	P200UL.is 1000mbar	
	P200L.is & P200M.is 2000mbar	
	P200H. is 4000mbar	
	P200AH.is 4000mbar	
Operating Temperature (ambient)	-20.C° to +50°C (-4.F° to +122°F)	
Battery Type	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)	
Battery Life	100 hours typically	
Display	12.7mm/05" custom LCD with automatic legend display	
Low Battery Check	BAT' shows on display	
Environmental Specifications	IP64 Standard	
Dimensions	140 x 70 x 26mm/5.5 x 2.8 x1.0"	
Weight	250g/8.8oz	
Other Features	Zero control. Engineering units show on display (Standard calibrations).	
	Connections: push fit 4mm/0.157" I.D. 6MM/0.236" O.D. nominal, retaining nut supplied.	
Model Options	Lo Range	Hi Range
P200UL	0-19.99mbar	0-100mbar
P200L	0-199.9mbar	0-500mbar
P200M	0-199.9mbar	0-1000mbar
P200H	0-199.9mbar	0-2000mbar
P200AH	0-199.9mbar	0-2000mbar absolute