TECHNICAL DATA SHEET

Intrinsically Safe Digital Thermometers

These instruments are certified for use in flammable or explosive atmospheres. Their tough construction makes them extremely durable and therefore functional, not only in hazardous atmospheres but also hostile working environments.

EX - WHERE SAFETY IS CRITICAL

The 3208 IS Digital Thermometers represent the best in temperature measurement technology for use in dangerous environments.

Certified by BASEEFA, the 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. In common with other Digitron hand-held instruments, the 3208 IS is cased to last: the distinctive Digitron case protects the instrument in the toughest environments.

Key Features

- ✓ **Certified to EEx ia IIC T4**
- ✓ **Highly accurate**
- ✓ **Tough enclosure construction adds to durability**
- ✓ **Quality electronics give excellent reliability**
- ✓ **Easy to use**

Specification

Resolution	0.1°C or 1°C
Accuracy	0.1°C resolution: 0.2% reading + 0.5°C (-50°C to +199.9°C)
	1°C resolution: 0.2% reading + 1° C (-50°C to +950°C)
Operating Temperature (ambient)	-20 to +50°C
Temperature range	Low -50°C to +199.9°C
	High -50°C to +950°C
Battery Type	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)
Battery Life	100 hours typical
Display	12.7mm/0.5 custom LCD with automatic legend display
Low Battery Check	'BAT shows on display'
Sensor Open Circuit	°C or °F displayed
Environmental Specifications	BS5490:IP64 standard
Dimensions	140 x 70x26mm/55x2.8x1.0
Weight	250g/8.8oz

Digitron
www.digitron.co.uk

3208IS ATEX

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