Ex-i ATEX Digital thermometer for thermocouple type K



Specifications / Approval

ATEX certified II 2G Ex ia IIC T4 (-20°C ° Ta +50°C)

Certificate Baseefa03ATEX0599

Input

Thermocouple input Thermocouple type K
Standard According IEC 60584-1

Measuring range -50°C to +199.9°C / -50°C to +950°C

Resolution Select either 0,1°C or +1°C

Accuracy

With a 1°C display resolution selected

0.2% reading + 1°C (-50°C to +950°C)

With a 0.1°C display resolution selected

0.2% reading + 0.5°C (-50°C to +199.9°C)

Cold junction Built in cold junction compensation

Ambient temperature From -20°C to +50°C

Display

Type LCD with 12,7mm height

°C or °F selection °C / °F indication

Broken thermocouple Indication by symbol

Low battery "BAT" sign on display

Housing

Material ABS sturdy and robust housing

Dimensions 140 x 70 x 26mm

Environmental protection IP64

Weight 250 Grams

Power supply

Battery type 9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)

Battery life 300 hours approx

Supply includes

Probe General use probe, suitable for liquids

Battery Battery
Manual Inclusive

Warranty 12 months after purchase

Warnings

Battery Do not place or remove battery in a hazardous area. Do not use

standard, Alkaline or Mercury batteries

Hazardous voltage Do not bring in contact with any life parts above 30V RMS, or 42 V Peak

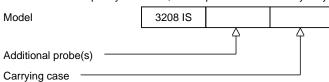
Options

Spare standard ProbeTEK02341 Int.SafeSurface probeTEK04541 Int.Safe300mm std. probeTEK0234SD Int.Safe

Carrying case Carrying case for instrument and 2 standard 100mm probes

Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.







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