ONLINE TECHNICAL SPECIFICATION SHEET



QUANTUM™ 150C QUARTZ MEMORY GAUGE





SKU: 18600-250

Categories: Advanced Monitoring, Downhole Gauges, Downhole

Instrumentation, Gauges, Kuster®, Quantum

PRODUCT DESCRIPTION

The Quantum™ 150C Quartz memory gauge is a slickline, e-line, or coiled tubing conveyed downhole memory gauge with significantly enhanced capabilities. The memory gauge is available in various ODs and pressure ratings depending on the application. An external fast response RTD temperature sensor is a feature on the 1.25″ gauge. The memory has 4X redundancy capability and up to 8 million data sets. With the addition of the SRO panel, the gauge can have e-line compatibility.

Ratings & Dimensions

Max temperature 302°F (150°C)

Pressure Range 10kpsi; 16kpsi; 20kpsi

 Outer diameter
 0.75 in (19.05 mm)
 1.25 in (31.75 mm)
 1.35 in (38.1 mm)

 28.0 in
 38.0 in 40.0 in

Length (0.71 m) (0.97 m) (1.0 m)

Weight 4.0 lbs (1.36 kgs)

Hardware Characteristics

Transducer type Acquisition modeDigital Quartz
SRO or Memory

Materials Inconel 825/Hastelloy (NACE MRO 175)

Connections

Top: ¾"-16 Pin

Bottom: ¾"-16 Box

Pressure Measurements

Pressure Range10kpsi; 16kpsi; 20kpsiSampling Rate1 sps - programmable

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Resolution < 0.01 psi

Accuracy 0.015% FS (10K) / 0.02% FS (16k & 20k)

Temperature Measurements

Electrical Specification

Consumption 3.6V

Max data 8,000,000 sets

(memory has 4X redundancy capability)

Interface USB URod

Power Source AA or CC Battery / E-line

Version Control: 2021.12.14

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.