

Average temperature measurement Prothermo NMT532

High precision average temperature measurement



Thông tin thêm và mức tính giá hiện tại:

www.apsc.endress.com/NMT532

Lợi ích:

- High accuracy
- Intrinsically safe device allowing for the safest electrical configuration possible
- Compatible with FieldCare
- Simple and economical
- Compact size and weight
- High reliability and easy installation
- Maintenance free

Tổng quan về thông số kỹ thuật

- **Accuracy** +/- 0.1 °C
- **Max. process pressure (static)** 0 bar...0.5 bar (0 psi...7.25 psi)
- **Operating temperature range** -20 °C...100 °C (-4 °F...212 °F)
- **Max. immersion length on request** 18.5 m (60.6 ft)

Phạm vi ứng dụng: The Prothermo NMT532 is an intrinsically safe multi-signal converter with precision average temperature sensor for inventory control. It is a highly capable solution for a variety of tank gauging applications and provides constant average temperature data via HART communication. For custody transfer and accurate inventory measurement, it is best suited connected to Proservo NMS5 or Tank Side Monitor NRF590 with Micropilot radar tank gauge.

Tín năng và thông số kỹ thuật

Thermometer

Measuring principle

Resistance Temperature Detector

Characteristic / Application

High precision average temperature measurement

Max. immersion length on request

18.5 m (60.6 ft)

Process connection

DN50 PN 10 RF
ASME 2"150 lb RF

Operating temperature range

-20 °C...100 °C
(-4 °F...212 °F)

Max. process pressure (static)

0 bar...0.5 bar
(0 psi...7.25 psi)

Accuracy

+/- 0.1 °C

Ex - approvals

ATEX, FM, CSA, IEC Ex, NEPSI

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