DYNISCO MODEL TPG443R

Economical, Flexible Stem Mechanical Pressure Gauge with Thermocouple

Description

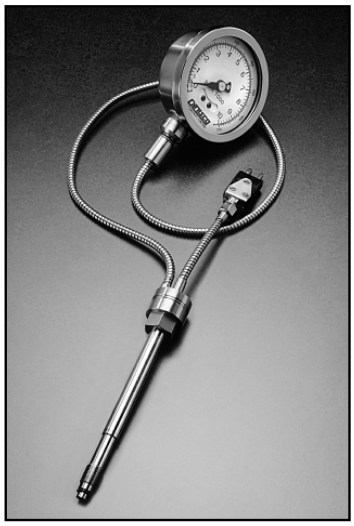
Model TPG443R is similar to model PG442R but takes the process measurement one step further by including a removable thermocouple to allow the processor to make simultaneous pressure and temperature measurements. Model TPG443R is designed with the same low maintenance and easy installation features as models PG441R and PG442R. A Type J thermocouple is standard and others are available upon request.

Features

- Direct, local readings
- No maintenance or electrical power needed
- Removable Type J thermocouple
- Flexible stem
- 0 - 5000 or 0 - 10,000 psi

Benefits

- Measure/display pressure in one location
- Easy to use
- On - line repair/replacement
- For high, local temperatures
- Choice of pressure ranges



Specifications

NEW EXTENDED LIFE COATING

Performance Characteristics

Ranges (psi): 0 - 5,000 (350 kg/cm^2) or 0 - 10,000 (700 kg/cm^2)
Accuracy: 3% of full scale
Zero adjustability: 6% of full scale
Thermocouple: Type J (standard)
Mounting torque: 500 inch - lbs. maximum

Material in contact with pressure media: 15 - 5 PH stainless steel, DyMax™ coated
Weight: 3 lbs.
Maximum pressure: 1.5 x full scale
Needle sweep: 270˚

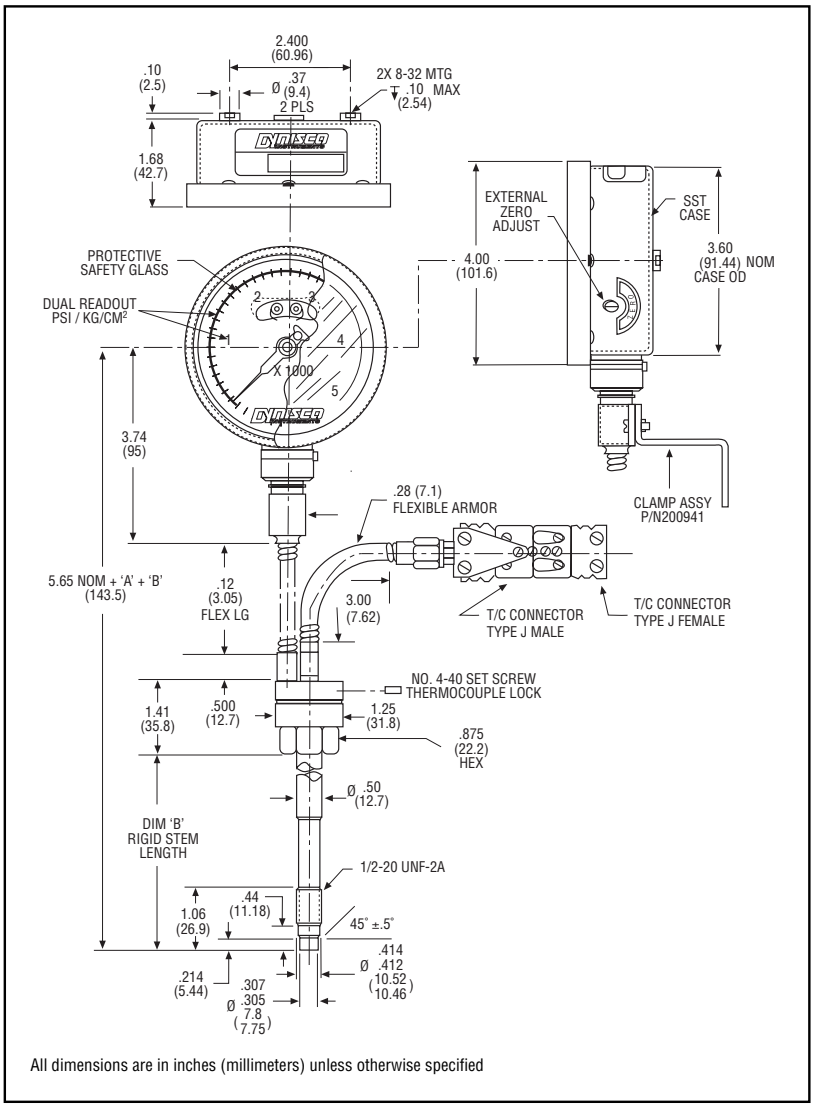
Temperature Characteristics

Transducer diaphragm:
Maximum diaphragm temperature: 750°F (400°C)
Zero shift due to temperature change: <35 psi/100°F (63 psi/100°C)

Housing:
Maximum case temperature: 275°F (135°C)
Case material: Stainless steel
Window: Safety glass

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All dimensions are in inches (millimeters) unless otherwise specified

Ordering Guide

Model	Pressure Range (psi)		Rigid Stem		Flexible Stem	
	Code	Range	Code	Length	Code	Length
TPG443R	5M	0 - 5,000	6	6"	24	24" (with 12" stem)
	10M	0 - 10,000	12	12"	30	30" (with 6" stem)

Ordering Example: TPG443R - 10M - 6/30

Delivery

Express delivery. Call for delivery information on other configurations.