

MeltMonitor Indicator Series



Features

- Dual 5-digit display
- Peak display function and digital auto-zero
- Terminations via locking connector
- 1/2-20 UNF or M18 mounting configurations
- Accuracy better than +/- 1.0%
- Customer defined engineering units

Benefits

- Melt pressure and optional temperature displayed
- Easy to use and configure
- Ease of installation and removal
- User selectable process connections
- Accurate over a wide range of temperatures
- Available in PSI, bar, MPa or kg/cm²

Description

The Dynisco Melt Monitor Indicator Series is a melt pressure transducer with integral digital display. An optional temperature measurement is available. The all welded stainless steel construction has been designed for the rigorous environments of the plastics processor. Standard features, including the digital auto-zero and peak display function provide easy operation with an accurate pressure measurement. With the optional built in temperature sensor, the display is capable of providing both process pressure and temperature readings simultaneously.

Specifications

PERFORMANCE CHARACTERISTICS

Ranges: 5000 psi, 10,000 psi and 15,000 psi
Accuracy:
Pressure: +/- 1.0%
Temperature: +/- 0.5%
Sampling Speed: 50 mS
Power Supply: Universal 110/220 Vac or 24 Vdc (optional)

Displays: 5-digit LED's, 0.5" Primary and 0.4" Secondary
Pressure: PSI, bar, MPa or kg/cm²
Resolution: 1 PSI, 0.1 bar, 0.01 MPa or 0.1 kg/cm²
Temperature: °C or °F
Resolution: 0.1°C or 0.1°F

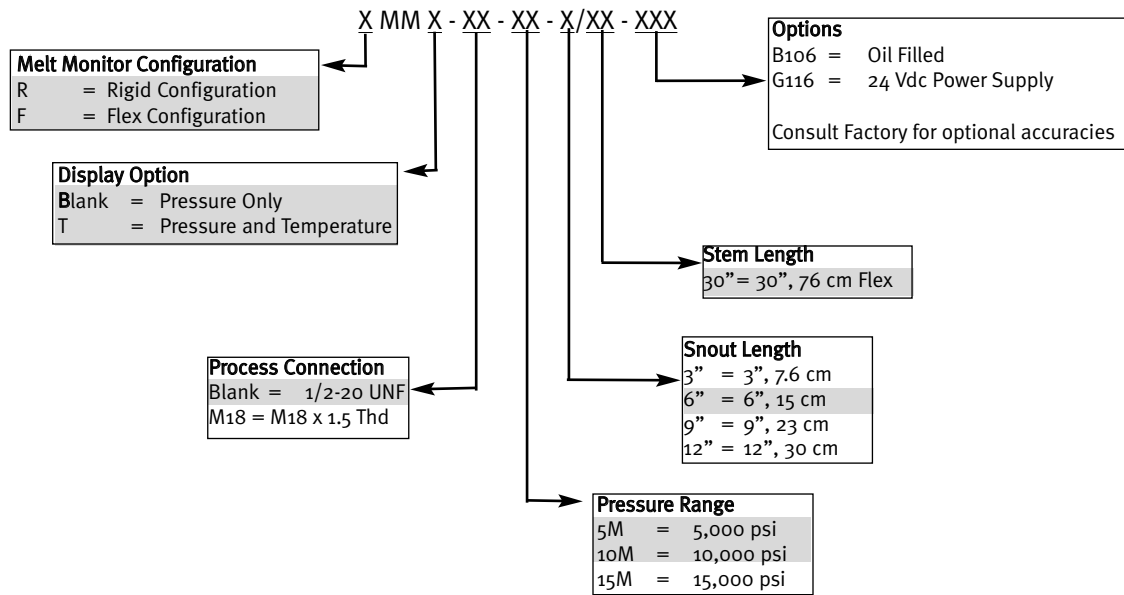
TEMPERATURE & MECHANICAL CHARACTERISTICS

Electronics Temperature Range: 32 to 158°F (0 to 70°C)
Maximum Diaphragm Temperature: 750°F (400°C)
Humidity: Less than or equal to 80%
Optional Temperature Compensation:
70 to 615°F (20 to 325°C)

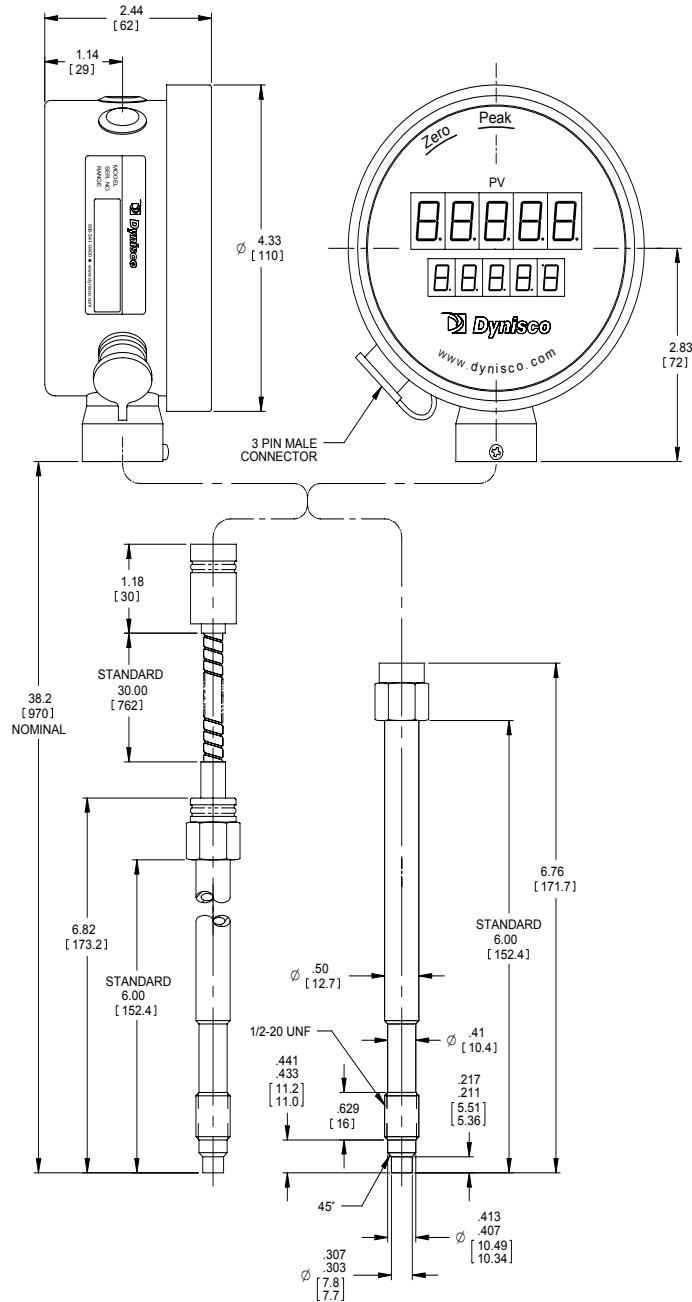
Electrical Termination: 1 - 3 pin connector (included)
Weight: 2.5 to 3.5 pounds



Ordering Guide



Shaded sections refer to standard configurations. Accuracy may be affected if non-standard configurations are used. For additional options please consult factory.



All dimensions are inches (mm).

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