

Dynisco Melt Monitor Indicator Series



Description

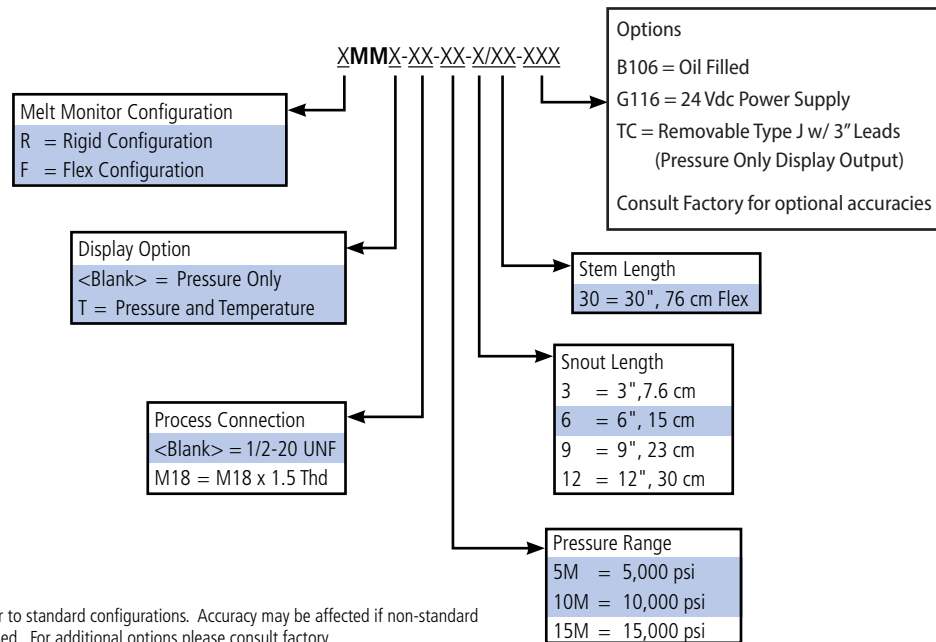
The Dynisco Melt Monitor Indicator Series is a melt pressure transducer with integral digital display. An optional temperature measurement is available. The all welded stainless steel construction has been designed for the rigorous environments of the plastics processor. Standard features, including 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.

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 $\pm 1.0\%$
- Customer defined engineering units
- 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/cm^2

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/cm ²
Resolution:	1 PSI, 0.1 BAR, 0.01Mpa or 0.1kg/cm ²
Temperature:	°C or °F
Resolution:	0.1°C or 0.1°F
Temperature & Mechanical Characteristics	
Electronics Temp. Range:	32 to 158°F (0 to 70°C)
Max Diaphragm Temp:	750°F (400°C)
Humidity:	Less than or equal to 80%
Optional Temp. Compensation:	70 to 615°F (20 to 325°C)
Electrical Termination:	1-3 pin connector (included)
Weight:	2.5 to 3.5 lbs.

Ordering Guide



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

Dimensions

