



Dynisco

From lab to production,
providing a window into the process



Dynisco Melt Monitor Indicator Series



Description

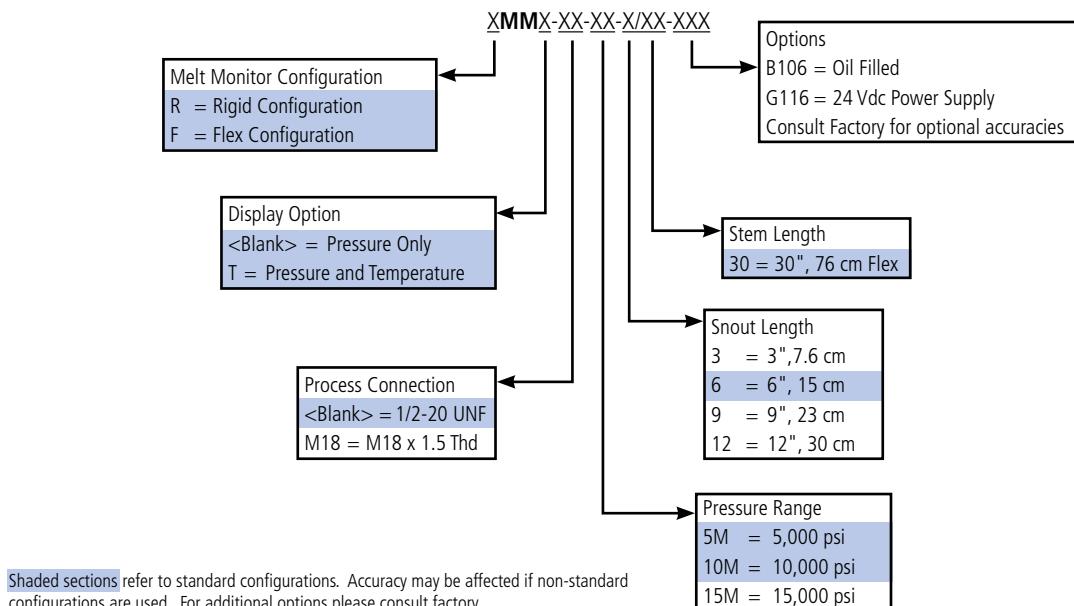
The Dynisco Melt Monitor Indicator Series is a melt pressure transducer with integral digital display. An optional temperature measurement is available. The all welded stainless steel construction has been designed for the rigorous environments of the plastics processor. Standard features, including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

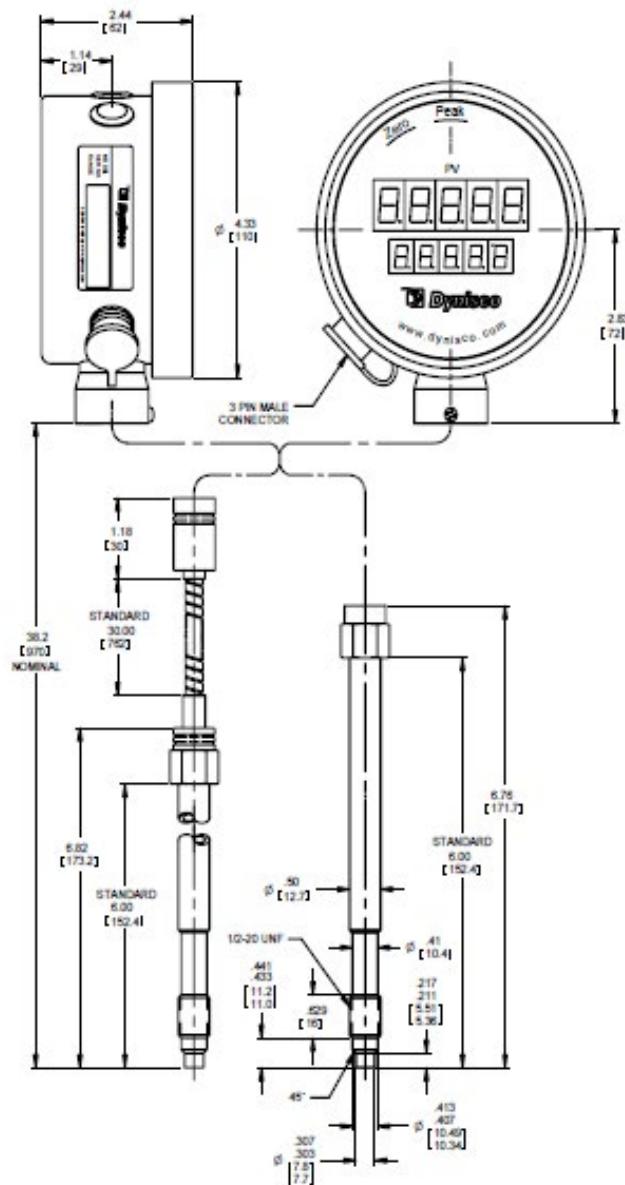
- Dual 5-digit display
- Peak display function and digital auto-zero
- Terminations via locking connector
- 1/2-20 UNF or M18 mounting configurations
- Accuracy better than $\pm 1.0\%$
- Customer defined engineering units
- Melt pressure and optional temperature displayed
- Easy to use and configure
- Ease of installation and removal
- User selectable process connections
- Accurate over a wide range of temperatures
- Available in PSI, bar, MPa or kg/cm²

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



Dimensions



©2016, Dynisco reserves the right to make changes without notice.
 Refer to www.dynisco.com for access to Operator Manual and other support documentation.
 DSMLTMONTIORIND 0316



www.dynisco.com

Dynisco

38 Forge Parkway
 Franklin, MA 02038
 USA
 Hotline 1-800-Dynisco
www.dynisco.com
 Phone +1 508 541 9400
 Fax +1 508 541 6206
 Email infoinst@dynisco.com

Dynisco Europe, GmbH

Pfaffemstr. 21
 74078 Hellbronn
 Germany
 Phone +49 7131 297 0
 Fax +49 7131 297 166
 Email dyniscoeurope@dynisco.com

Dynisco Shanghai

Building 7A, No. 568
 Longpan Rd Malu
 Jiading, 201801 China
 Phone +86 21 34074072-819
 Toll Free +86 400 728 9117
 Fax +86 21 34074025