



The rigid stem configuration makes installation fast and easy.



The flexible configuration is designed for applications requiring further thermal isolation or where installation would be otherwise difficult or impractical.

### Main features

The M7 Series is a melt pressure monitoring system which comes complete with the following items:

- M3x-6-M-xxxx-1-4-D-000 (melt pressure transducer)
- 40B-96-5-10-RR-R0-3-0-1 (1/8 DIN pressure indicator)
- C08WLS (25 foot 6-pin cable)
- SF18 (mounting bracket)

#### Indicator:

- Economically priced
- Displays pressure in a 5-digit LED display
- Auto zero
- Auto span
- Auto calibration
- 2 alarms with adjustable setpoint
- Touch-type keypad
- Built-in strain gage bridge excitation
- Filter for digit stabilization
- Coded access for user lockout

#### Transducer:

- Better than  $\pm 0.50\%$  accuracy
- Fluid-filled system for temperature stability
- 80% output signal for easy calibration
- 15-5 PH stainless steel diaphragm with GTP coating

The M7 Series is an excellent solution for those who wish to have the accuracy and stability of a transducer and digital indicator at a great price.

## TECHNICAL SPECIFICATIONS

See data sheets for M3 and

40B-96-5-10-RR-R0-3-0-1 for more information.

## ACCESSORIES

### Connectors

6-pin mating connector (IP65 protection degree) ..... CON300

### Extension cables

6-pin connector with 8m (25ft) cable ..... C08WLS (standard)  
 6-pin connector with 15m (50ft) cable ..... C15WLS \*  
 6-pin connector with 25m (75ft) cable ..... C25WLS \*  
 6-pin connector with 30m (100ft) cable ..... C30WLS \*

\* Consult factory for ordering and pricing

### Accessories

Mounting bracket ..... SF18  
 Dummy plug for 1/2-20UNF ..... SC12  
 Drill kit for 1/2-20UNF ..... KF12  
 Cleaning kit for 1/2-20UNF ..... CT12

### Cable Wiring Code

Function	Wire
Sig (+)	Red
Sig (-)	Black
Exc (+)	White
Exc (-)	Green
Cal	Blue
Cal	Brown

# ORDER CODE

M 7 - - M - - - - - - - 000

SYSTEM	
1/8 DIN System	7

VERSION	
Rigid Stem	0
Rigid Stem + Flex	1

CONNECTOR	
Standard	6 pin
	6

ACCURACY CLASS	
0.50% FSO	M

RANGE			
bar		psi	
35	B35U	500	P05C
70	B07D	1000	P01M
100	B01C	1500	P15C
200	B02C	3000	P03M
350	B35D	5000	P05M
500	B05C	7500	P75C
700	B07C	10000	P10M

000 = standard version

FLEXIBLE LENGTH (mm, inches)	
Standard (M70)	
0	none
Standard (M71)	
D	457 mm, 18"

RIGID STEM LENGTH (mm, inches)	
4	153 mm, 6"
5	318 mm, 12.5"

THREAD	
1	1/2-20 UNF

## Examples

### M71-6-M-B07C-1-4-D-000

Melt pressure monitoring system (1/8 DIN) with rigid stem and flex transducer, 6-pin connector/cable, 1/2-20 UNF thread, 700 bar full scale output, 0.50% accuracy class, 153 mm (6") rigid stem, 457 mm (18") flex

### M70-6-M-P03M-1-4-0-000

Melt pressure monitoring system (1/8 DIN) with rigid stem transducer, 6-pin connector/cable, 1/2-20 UNF thread, 3000 psi full scale output, 0.50% accuracy class, 153 mm (6") rigid stem