

GEFRAN MELT PRESSURE AND TEMPERATURE MONITORING SYSTEM

1/4 DIN



The pressure/temperature configuration requires only one mounting hole for the measurement of both process values.

Main features

The M92 is a melt pressure and temperature monitoring system which comes complete with the following items:

- M32-6-M-xxxx-1-4-D-000 (melt pressure transducer with type "J" thermocouple)
- 40TB-10-RRR-2-0-1 (1/4 DIN pressure and temperature indicator)
- C08WLS (25 foot 6-pin cable)
- SF18 (mounting bracket)

Indicator:

- Economically priced
- Displays pressure in a 4-digit LED display
- Auto zero
- Auto span
- Auto calibration
- 2 alarms with adjustable setpoint
- Touch-type keypad
- Built-in strain gauge 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 M92 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 M32 and 40TB-10-RRR-2-0-1 for more information.

ACCESSORIES

Connectors

6-pin mating connector (IP65 protection degree)CON300

Extension cables

6-pin connector with 8m (25ft) cableC08WLS (standard)

6-pin connector with 15m (50ft) cableC15WLS *

6-pin connector with 25m (75ft) cableC25WLS *

6-pin connector with 30m (100ft) cableC30WLS *

* Consult factory for ordering and pricing

Accessories

Mounting bracketSF18

Dummy plug for 1/2-20UNFSC12

Drill kit for 1/2-20UNFKF12

Cleaning kit for 1/2-20UNFCT12

Thermocouple for M32 model: Type "J" (153 mm [6"] stem) ..TTER718

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

ORDER CODE

M92- -M- - - - -000

SYSTEM	
1/4 DIN System	9

VERSION	
With Thermocouple	2

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)	
D	457 mm, 18"

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

THREAD	
1	1/2-20 UNF

Example

M92-6-M-B07C-1-4-D-000

Melt pressure and temperature monitoring system (1/4 DIN) with transducer with type "J" thermocouple, 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