

GEFRAN (OIL-FILLED) MELT PRESSURE MONITORING SYSTEM

1/4 DIN



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 W8 Series is a melt pressure monitoring system which comes complete with the following items:

- W3x-6-M-xxxx-1-4-D-000 (oil-filled melt pressure transducer)
- 40TB-10-RR-R-1-0-1 (1/4 DIN pressure 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
- 17-7 PH stainless steel corrugated diaphragm with GTP coating
- Oil-fill is FDA approved — meets requirements CFR172.3620 and CFR172.878

The W8 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 W3 and 40TB-10-RR-R-1-0-1 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

Cable Wiring Code

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

ORDER CODE

W 8 - - M - - - - - 000

| SYSTEM | |
|----------------|---|
| 1/4 DIN System | 8 |

| 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 (W80) | |
| 0 | none |
| Standard (W81) | |
| 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

W81-6-M-B07C-1-4-D-000

Melt pressure monitoring system (1/4 DIN) with oil-filled 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

W80-6-M-P03M-1-4-0-000

Melt pressure monitoring system (1/4 DIN) with oil-filled 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