



Pressure Transmitters

Flush Diaphragm type

Latest Strain gauge technology



Model PR3850

| | |
|--------------------------|--|
| Wetted Parts | 316L Stainless Steel |
| Max. Pressure | Overpressure = 1.5 x P range; (max 165000 kPa) |
| Accuracy | +/- 0.30 % BFSL |
| Output Signal | 4 to 20 mA (2 wire) |
| Supply Voltage | 10 to 36 VDC |
| Built in protection | Overvoltage (50 VDC) and Reverse polarity |
| Protection | IP65 |
| Response Time | Max. 2 ms |
| Mechanical Life | 10 ⁷ pulses (up to nominal p range) |
| Temperature Range | - 20 to + 85 deg C |
| Zero offset and Spanning | +/- 0.16 mA / +/- 5 % FS zero adjustment |
| Connection | 1/2 inch BSP Flush Diaphragm with integral O-ring seal (Nitrile) |

Stocked Product Ranges: (for pricing see page 5 of Item Price List)

| Pressure Ranges | Electrical Connection | Part No. |
|------------------------------------|-----------------------|---------------|
| 0 to 1000 kPa | Din 43650-A | PR3850-07-424 |
| 0 to 1600 kPa | Din 43650-A | PR3850-07-426 |
| 0 to 2500 kPa | Din 43650-A | PR3850-07-427 |
| Optional Accessories | | |
| Inline Display with 1 Alarm output | | PM1001 |
| Remote Display with Alarm output | | PM8005 |
| ATEX version | | |
| Cable fly lead | | |

Special Manufacture:

- Different outputs: 0.5 to 4.5 V ratiometric, 0-10 VDC (3 wire) or 0-100 mV
- Other threads or electrical connections
- Other pressure ranges

All prices exclude GST. We reserve the right to change technical specifications & prices without prior notice.