# Sensors

NEW!

## Gauge Pressure Transducers

The PT03G and PT04G series gauge pressure transducers use reliable piezoresistance strain gauge technology. This is the preferred sensing technology for applications where quick response to pressure changes is required. These transducers feature a 316SS housing with a male electrical connector ready to receive a mating cable (purchased separately). One year manufacturer's warranty.

### Features

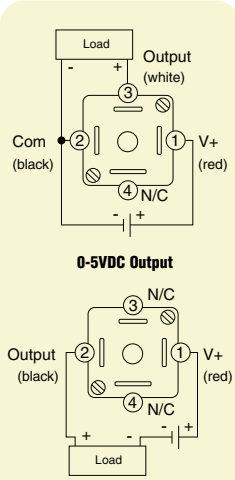
- Input voltage 12-36VDC
- 0-15 psig to 0-5000 psig ranges
- 1/4" NPT male fitting
- 4-20mA or 0-5VDC output
- 316 stainless steel housing

from **$115**

### PT03G

### PT04G

### Wiring

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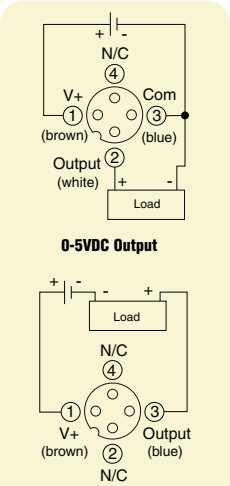
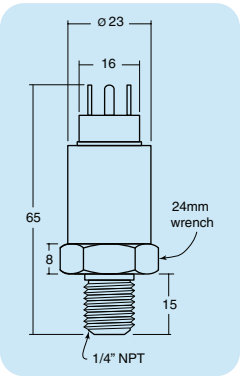



### DIM (mm)

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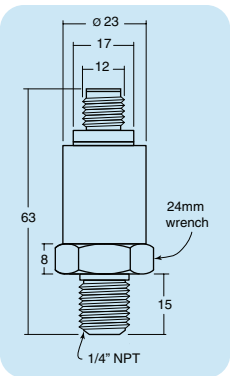


## PT03G Series

| Part Number | Pressure Range | Accuracy | Connection | Output | Price |
|---|---|---|---|---|---|
| PT03G-0015-0420C | 0-15 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0015-0005V | | | | 0-5VDC | $115 |
| PT03G-0025-0420C | 0-25 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0025-0005V | | | | 0-5VDC | $115 |
| PT03G-0050-0420C | 0-50 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0050-0005V | | | | 0-5VDC | $115 |
| PT03G-0100-0420C | 0-100 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0100-0005V | | | | 0-5VDC | $115 |
| PT03G-0250-0420C | 0-250 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0250-0005V | | | | 0-5VDC | $115 |
| PT03G-0500-0420C | 0-500 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-0500-0005V | | | | 0-5VDC | $115 |
| PT03G-1000-0420C | 0-1000 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-1000-0005V | | | | 0-5VDC | $115 |
| PT03G-3000-0420C | 0-3000 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-3000-0005V | | | | 0-5VDC | $115 |
| PT03G-5000-0420C | 0-5000 psig | 1% | 9.4mm Mini DIN, IP65 | 4-20mA | $115 |
| PT03G-5000-0005V | | | | 0-5VDC | $115 |

## Mating Cables for PT03G

| Part Number | Description | Price |
|---|---|---|
| CBL944-01 | 9.4mm Mini DIN, 1 m (3.28 ft), shielded cable, IP65 | $16 |
| CBL944-03 | 9.4mm Mini DIN, 3 m (9.84 ft), shielded cable, IP65 | $29 |
| CBL944-06 | 9.4mm Mini DIN, 6 m (19.69 ft), shielded cable, IP65 | $41 |

## PT04G Series

| Part Number | Pressure Range | Accuracy | Connection | Output | Price |
|---|---|---|---|---|---|
| PT04G-0015-0420C | 0-15 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0015-0005V | | | | 0-5VDC | $169 |
| PT04G-0025-0420C | 0-25 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0025-0005V | | | | 0-5VDC | $169 |
| PT04G-0050-0420C | 0-50 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0050-0005V | | | | 0-5VDC | $169 |
| PT04G-0100-0420C | 0-100 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0100-0005V | | | | 0-5VDC | $169 |
| PT04G-0250-0420C | 0-250 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0250-0005V | | | | 0-5VDC | $169 |
| PT04G-0500-0420C | 0-500 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-0500-0005V | | | | 0-5VDC | $169 |
| PT04G-1000-0420C | 0-1000 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-1000-0005V | | | | 0-5VDC | $169 |
| PT04G-3000-0420C | 0-3000 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-3000-0005V | | | | 0-5VDC | $169 |
| PT04G-5000-0420C | 0-5000 psig | 0.4% | M12, IP67 | 4-20mA | $169 |
| PT04G-5000-0005V | | | | 0-5VDC | $169 |

## Mating Cables for PT04G

| Part Number | Description | Price |
|---|---|---|
| CBLM124RN-01 | M12 right angle, 1 m (3.28 ft), shielded cable, IP67 | $22 |
| CBLM124RN-03 | M12 right angle, 3 m (9.84 ft), shielded cable, IP67 | $29 |
| CBLM124RN-06 | M12 right angle, 6 m (19.69 ft), shielded cable, IP67 | $41 |

## General Specifications

| | |
|---|---|
| Supply Voltage | 12-36VDC |
| Proof Pressure | 1.5 x full scale |
| Burst Pressure | 3 x full scale |
| Compensated Temp Range | -10 to 75°C (14 to 167°F) |
| Operating Temperature | -20 to 80°C (-4 to 176°F) |
| Zero and Span Tolerance | 1.5% |
| Pressure Port | 1/4" NPT |
| Housing | 316SS |
| Diaphragm Material | 0-75psi: 316SS; 100-1,000psi: ceramic; 1,500-10,000psi: 17-4SS |
| Sealing Material | Neoprene |