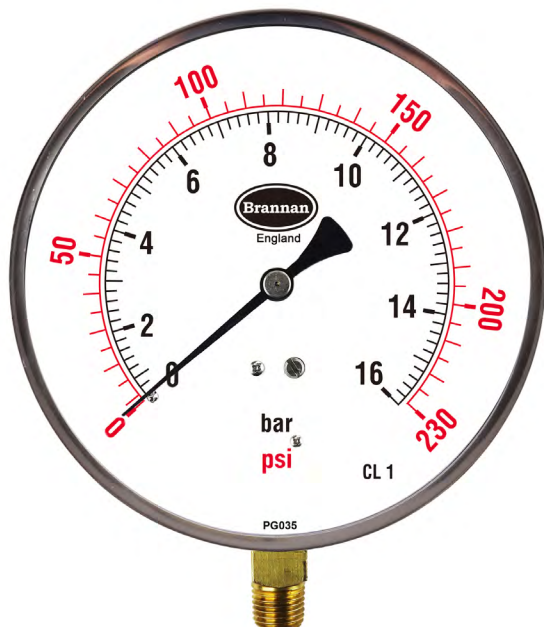


## Contractor pressure gauge



### Product features:

- Stainless steel pressure gauge with bezel
- 1% accuracy
- Wide choice of pressure ranges
- Ideal with plumbing and HVAC installations
- Wide range of associated accessories available
- **Brannan** quality and accuracy

### Applications:

- Heating, ventilation, air-conditioning
- Plumbing
- Compressors
- Air filters
- Pneumatics

### Standard product specifications:

| PG035                  |                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards & categories |                                                                                                                                                                     |
| Design                 | ASME B40.100                                                                                                                                                        |
| Safety category        | 0 - gauge without blow-out device ( according to EN-837)                                                                                                            |
| Gauge construction     |                                                                                                                                                                     |
| Case                   | Stainless steel 304                                                                                                                                                 |
| Connection orientation | Bottom only                                                                                                                                                         |
| Connection material    | Brass                                                                                                                                                               |
| Bezel                  | Stainless steel 304                                                                                                                                                 |
| Pointer                | Black aluminium                                                                                                                                                     |
| Measuring principle    | Bourdon tube, Cu-Alloy                                                                                                                                              |
| Movement               | Cu-Alloy                                                                                                                                                            |
| Window                 | Polycarbonate (glass optional)                                                                                                                                      |
| Ranges & parameters    |                                                                                                                                                                     |
| Dial diameter          | 115mm (4.5")                                                                                                                                                        |
| Ranges                 | -1 to 9 bar & -15 to 130 psi through to 0 to 14500 bar & 0 to 210304 psi                                                                                            |
| Thread size            | 3/8", 1/4" & 1/2" BSP/NPT/BSPT (others available on request)                                                                                                        |
| Accuracy class         | +/-1%, ASME Grade 1A                                                                                                                                                |
| Filling                | Dry                                                                                                                                                                 |
| Working pressure       | Steady: 75% full scale range, fluctuating: 60% full scale range, short time: full scale range                                                                       |
| Operating temperature  | Ambient: -20 to +60°C, Medium: -20 to +60°C                                                                                                                         |
| Storage temperature    | -40 to +60°C                                                                                                                                                        |
| Protection             | IP 43 (BS EN 60529:1992)                                                                                                                                            |
| Temperature effect     | When temperature of the pressure element deviates from reference temperature of 20°C the maximum additional error is +/-0.4 per 10°C of the span rising and falling |
| Optional extras        |                                                                                                                                                                     |
| Calibration            | UKAS certification, certificate traceable to recognised national standard or statement of conformity                                                                |
| Accessories            | Syphon, needle valve, gauge cock, snubber                                                                                                                           |

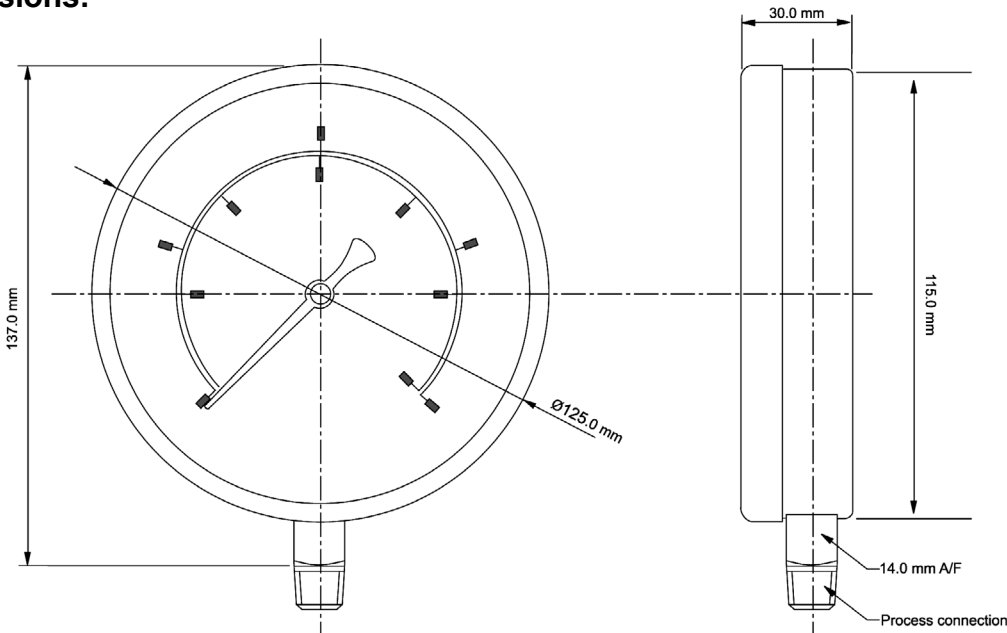
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the website



# PG035

## Contractor pressure gauge

### Product dimensions:



### Approx product weights:

| Dial diameter | Orientation | Box dimensions   | Net weight | Box weight | Total weight |
|---------------|-------------|------------------|------------|------------|--------------|
| 125mm         | Bottom      | 150 x 130 x 38mm | 299.5g     | 32.5g      | 334g         |

## Contractor pressure gauge

### Product numbers:

The following products are usually kept in stock at Brannan and can therefore be ordered on the below numbers:

### PG035 pressure gauges (psi outer scale - red, bar inner scale - black)

| Range<br>(psi dominant) | Product number |              |                |
|-------------------------|----------------|--------------|----------------|
|                         | 1/2" BSP       |              | 1/4" NPT       |
|                         | Plastic window | Glass window | Plastic window |
| 0 to 100 psi & bar      | 35/793/1       | 35/793/8     | 35/793/0*      |
| 0 to 160 psi & bar      | 35/355/1       | 35/794/8     | 35/794/0*      |
| 0 to 200 psi & bar      | 35/795/1       | 35/795/8     | 35/795/0*      |
| 0 to 230 psi & bar      | 35/356/1       | 35/356/8     | 35/356/0       |
| 0 to 300 psi & bar      | 35/357/1       | 35/796/8     | 35/796/0*      |
| 0 to 400 psi & bar      | 35/797/1       | 35/797/8     | 35/797/0*      |

\*psi outer scale black, bar inner scale red)

Other PG035 dials are ordered to specific customer specifications.

Please use below matrix to create your unique ordering product reference, using the values in bold.

| Make          | Model        | Dial diameter | Ranges                                                                                                                | Units                                                                                                                                                                                                                        | Connection size                                                                                                                                                                                                                                                                          | Connection orientation | Extras           |
|---------------|--------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|
| Brannan (BRN) | PG035 (PG35) | 115mm (115)   | -1 to 9 bar (-1+9)<br>-30 to 130 Hg/Psi (-30+130)<br>through to<br>0 to 1000 bar (0+1000)<br>0 to 14500 Psi (0+14500) | Bar only (black) (B)<br>Psi only (black) (P)<br>Bar outer (black) / psi inner (red) (BP)<br>Psi outer (red) / bar inner (black) (PB)<br>kPa outer (black) / Psi inner (red) (KP)<br>Psi outer (red) / kPa inner (black) (PK) | 1/4" BSP (3)<br>1/4" NPT (4)<br>3/8" BSP <sub>1</sub> (5)<br>3/8" NPT <sub>1</sub> (6)<br>1/2" BSP <sub>1</sub> (7)<br>1/2" NPT <sub>1</sub> (8)<br>1/4" BSPT (10)<br>3/8" BSPT <sub>1</sub> (11)<br>1/2" BSPT <sub>1</sub> (12)<br><br>1. Using adaptor NB. Others available on request | Bottom (BO)            | Glass window (G) |

### Order example:

| Make | Model | Dial diameter | Ranges | Units | Connection size | Connection orientation | Extras |
|------|-------|---------------|--------|-------|-----------------|------------------------|--------|
| BRN  | PG35  | 100           | 0+9    | B     | 7               | BO                     | G      |

Product reference: BRNPG35/100/0+9/B/7/BO/G

### Calibration product numbers:

| Calibration                     | No of points | Product number |
|---------------------------------|--------------|----------------|
| UKAS                            | 5pt          | 49/075/0       |
| Traceable to National Standards | 5pt          | 49/060/0       |

Other calibration types available on request