

GPD Plastic Case Utility Pressure Gauge (40mm Ø, 50mm Ø)

40mm and 50mm diameter options. Bottom or back entry. BSPP process entry thread (1/8 inch for 40mm Ø, 1/4 inch for 50mm Ø). Ranges available from 1 bar to 60 bar (15 psi to 900 psi). IP 51 rated. The Pressure Direct GPD range of gauges are suitable for use in all gaseous and liquid media that will not attack the copper alloy parts or obstruct the pressure system. Supplied with a robust black plastic case and plastic window. Commonly used for pneumatic, heating, ventilation, air-conditioning and medical engineering applications.

- 40mm and 50mm Ø
- Bottom or back entry
- BSP Parallel process entry thread, 1/8" (40mm Ø), 1/4" (50mm Ø)
- Dual scale: 0...1 bar to 0...60 bar (0...15 psi to 0...900 psi)
- Robust black plastic case



| Technical Details | |
|------------------------------|---|
| Design | EN 837-1 |
| Accuracy Class | 2.5 |
| Movement | Copper Alloy |
| Process Connection | BSP Parallel, Brass (1/8" = 40mm Ø, 1/4" = 50mm Ø) |
| Pressure Element | Copper Alloy |
| Pressure Limitation | Steady: 3/4 x full scale value |
| | Fluctuating: 2/3 x full scale value |
| | Short Time: full scale value |
| Dial | 40mm or 50mm Ø, plastic, white, pointer stop pin |
| Pointer | Aluminium, black |
| Case | Plastic, black |
| Window | Plastic, snap-fit |
| Temperature Effect | When measuring system temperature deviates from reference temp. (+20°C): Max. ±0.6 %/10 K of the span |
| Ingress Protection | IP 51 per EN 60529 / IEC 60529 |
| Operating Temperature | Ambient: -20°C to +60°C |

| 40mm Ø dial (1/8" BSPP) | | | |
|-------------------------|---------|------------|--------------|
| pressure range | | order code | |
| bar | psi | back entry | bottom entry |
| 0...1 | 0...15 | GPD01R | GPD01B |
| 0...2 | 0...30 | GPD02R | GPD02B |
| 0...4 | 0...60 | GPD04R | GPD04B |
| 0...7 | 0...100 | GPD07R | GPD07B |
| 0...10 | 0...150 | GPD10R | GPD10B |
| 0...16 | 0...230 | GPD16R | GPD16B |
| 0...20 | 0...300 | GPD20R | GPD20B |
| 0...25 | 0...360 | GPD25R | GPD25B |
| 0...40 | 0...580 | GPD40R | GPD40B |
| 0...60 | 0...900 | GPD60R | GPD60B |

| 50mm Ø dial (1/4" BSPP) | | | |
|-------------------------|---------|------------|--------------|
| pressure range | | order code | |
| bar | psi | back entry | bottom entry |
| 0...1 | 0...15 | GPD01R/50 | GPD01B/50 |
| 0...2 | 0...30 | GPD02R/50 | GPD02B/50 |
| 0...4 | 0...60 | GPD04R/50 | GPD04B/50 |
| 0...7 | 0...100 | GPD07R/50 | GPD07B/50 |
| 0...10 | 0...150 | GPD10R/50 | GPD10B/50 |
| 0...16 | 0...230 | GPD16R/50 | GPD16B/50 |
| 0...20 | 0...300 | GPD20R/50 | GPD20B/50 |
| 0...25 | 0...360 | GPD25R/50 | GPD25B/50 |
| 0...40 | 0...580 | GPD40R/50 | GPD40B/50 |
| 0...60 | 0...900 | GPD60R/50 | GPD60B/50 |

GMD Steel Case Utility Pressure Gauge (40mm Ø, 50mm Ø)

40mm and 50mm diameter options. Bottom or back entry. BSPP process entry thread (1/8 inch for 40mm Ø, 1/4 inch for 50mm Ø). Ranges available from 1 bar to 25 bar (15 psi to 360 psi). IP 51 rated. The Pressure Direct GMD range of gauges are suitable for use in all gaseous and liquid media that will not attack the copper alloy parts or obstruct the pressure system. Supplied with a robust black steel case and clear glass window. Commonly used for pneumatic, heating, ventilation, air-conditioning and medical engineering applications.

- 40mm and 50mm Ø
- Bottom or back entry
- BSP Parallel process entry thread, 1/8" (40mm Ø), 1/4" (50mm Ø)
- Dual scale: 0...1 bar to 0...25 bar (0...15 psi to 0...360 psi)
- Robust black steel case



| Technical Details | |
|------------------------------|---|
| Design | EN 837-1 |
| Accuracy Class | 2.5 |
| Movement | Copper Alloy |
| Process Connection | BSP Parallel, Brass (1/8" = 40mm Ø, 1/4" = 50mm Ø) |
| Pressure Element | Copper Alloy |
| Pressure Limitation | Steady: 3/4 x full scale value |
| | Fluctuating: 2/3 x full scale value |
| | Short Time: full scale value |
| Dial | 40mm or 50mm Ø, aluminium, white, pointer stop pin |
| Pointer | Aluminium, black |
| Case | Steel, black |
| Window | Glass |
| Temperature Effect | When measuring system temperature deviates from reference temp. (+20°C): Max. ±0.6 %/10 K of the span |
| Ingress Protection | IP 51 per EN 60529 / IEC 60529 |
| Operating Temperature | Ambient: -20°C to +60°C |

| 40mm Ø dial (1/8" BSPP) | | | |
|-------------------------|---------|------------|--------------|
| pressure range | | order code | |
| bar | psi | back entry | bottom entry |
| 0...1 | 0...15 | GMD01R | GMD01B |
| 0...2 | 0...30 | GMD02R | GMD02B |
| 0...4 | 0...60 | GMD04R | GMD04B |
| 0...7 | 0...100 | GMD07R | GMD07B |
| 0...10 | 0...150 | GMD10R | GMD10B |
| 0...16 | 0...230 | GMD16R | GMD16B |
| 0...20 | 0...300 | GMD20R | GMD20B |
| 0...25 | 0...360 | GMD25R | GMD25B |

| 50mm Ø dial (1/4" BSPP) | | | |
|-------------------------|---------|------------|--------------|
| pressure range | | order code | |
| bar | psi | back entry | bottom entry |
| 0...1 | 0...15 | GMD01R/50 | GMD01B/50 |
| 0...2 | 0...30 | GMD02R/50 | GMD02B/50 |
| 0...4 | 0...60 | GMD04R/50 | GMD04B/50 |
| 0...7 | 0...100 | GMD07R/50 | GMD07B/50 |
| 0...10 | 0...150 | GMD10R/50 | GMD10B/50 |
| 0...16 | 0...230 | GMD16R/50 | GMD16B/50 |
| 0...20 | 0...300 | GMD20R/50 | GMD20B/50 |
| 0...25 | 0...360 | GMD25R/50 | GMD25B/50 |