



## ECON® Diaphragm drum pressure gauge Type 1481 bottom connection brass

### Characteristics

**Type:** 1481

**Accuracy class:** 1.6 %

**Pressure gauge attachment:** Direct

**Connection location:** Below

**Process connection:** External thread

**Cabinet material:** Stainless steel 304

### Characteristics [2]

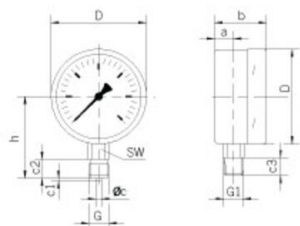
**Process connection material:** Stainless steel 316

**Material dial:** Aluminium

**Protection class:** IP54

**Medium temperature:** -20 / 60 °C

**Ambient temperature:** -20 / 60 °C



| Cabinet diameter | D   | a    | b    | c  | c1 | c2 | c3 | G   | G1  | h   | SW | Weight |
|------------------|-----|------|------|----|----|----|----|-----|-----|-----|----|--------|
| mm               | mm  | mm   | mm   | mm | mm | mm | mm | mm  | mm  | mm  | mm | kg     |
| 63               | 64  | 10   | 47   | 5  | 2  | 13 | 13 | 85  | 3.7 | 53  | 14 | 0.23   |
| 100              | 101 | 20   | 55   | 6  | 3  | 20 | 19 | 132 | 4.8 | 87  | 22 | 0.5    |
| 160              | 161 | 15.5 | 51.5 | 6  | 3  | 20 | 19 | 196 | 5.8 | 115 | 22 | 0.9    |

| Cabinet diameter | Measuring range | Pressure unit | Size process connection | Window material | Article  |
|------------------|-----------------|---------------|-------------------------|-----------------|----------|
| mm               |                 |               |                         |                 |          |
| 63               | -400 / 0        | mbar          | 1/4" BSPP[G]            | Glass           | 11232683 |
| 63               | -250 / 0        | mbar          | 1/4" BSPP[G]            | Glass           | 11069408 |
| 63               | -250 / 150      | mbar          | 1/4" BSPP[G]            | Glass           | 11092225 |
| 63               | -160 / 0        | mbar          | 1/4" BSPP[G]            | Glass           | 11314233 |
| 63               | -100 / 0        | mbar          | 1/4" BSPP[G]            | Glass           | 10059957 |
| 63               | -100 / 150      | mbar          | 1/4" BSPP[G]            | Glass           | 11403839 |
| 63               | -60 / 0         | mbar          | 1/4" BSPP[G]            | Glass           | 11028742 |
| 63               | -40 / 0         | mbar          | 1/4" BSPP[G]            | Glass           | 10071081 |
| 63               | -40 / 0         | mbar          | 1/4" BSPP[G]            | Glass           | 11092229 |
| 63               | -25 / 0         | mbar          | 1/4" BSPP[G]            | Glass           | 11365368 |
| 63               | -20 / 40        | mbar          | 1/4" BSPP[G]            | Glass           | 10059940 |
| 63               | 0 / 25          | mbar          | 1/4" BSPP[G]            | Glass           | 11114764 |
| 63               | 0 / 40          | mbar          | 1/4" BSPP[G]            | Glass           | 10059941 |
| 63               | 0 / 60          | mbar          | 1/4" BSPP[G]            | Glass           | 10059942 |
| 63               | 0 / 100         | mbar          | 1/4" BSPP[G]            | Glass           | 10059943 |
| 63               | 0 / 160         | mbar          | 1/4" BSPP[G]            | Glass           | 10059944 |
| 63               | 0 / 250         | mbar          | 1/4" BSPP[G]            | Glass           | 10059945 |
| 63               | 0 / 400         | mbar          | 1/4" BSPP[G]            | Glass           | 10059946 |
| 63               | 0 / 600         | mbar          | 1/4" BSPP[G]            | Glass           | 11174333 |
| 100              | -400 / 0        | mbar          | 1/2" BSPP[G]            | Glass           | 11044741 |
| 100              | -250 / 0        | mbar          | 1/2" BSPP[G]            | Glass           | 11101405 |
| 100              | -160 / 0        | mbar          | 1/2" BSPP[G]            | Glass           | 11123510 |
| 100              | -100 / 0        | mbar          | 1/2" BSPP[G]            | Glass           | 11040469 |
| 100              | -100 / 150      | mbar          | 1/2" BSPP[G]            | Glass           | 11035531 |
| 100              | -60 / 0         | mbar          | 1/2" BSPP[G]            | Glass           | 11024179 |

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| Cabinet diameter<br>mm | Measuring range | Pressure unit | Size process connection | Window material | Article  |
|------------------------|-----------------|---------------|-------------------------|-----------------|----------|
| 100                    | -40 / 0         | mbar          | 1/2" BSPP(G)            | Glass           | 11161598 |
| 100                    | -25 / 0         | mbar          | 1/2" BSPP(G)            | Glass           | 11172232 |
| 100                    | -20 / 40        | mbar          | 1/2" BSPP(G)            | Glass           | 11167804 |
| 100                    | 0 / 25          | mbar          | 1/2" BSPP(G)            | Glass           | 10059947 |
| 100                    | 0 / 40          | mbar          | 1/2" BSPP(G)            | Glass           | 10059948 |
| 100                    | 0 / 60          | mbar          | 1/2" BSPP(G)            | Glass           | 10059949 |
| 100                    | 0 / 100         | mbar          | 1/2" BSPP(G)            | Glass           | 10059950 |
| 100                    | 0 / 160         | mbar          | 1/2" BSPP(G)            | Glass           | 10059951 |
| 100                    | 0 / 250         | mbar          | 1/2" BSPP(G)            | Glass           | 10059952 |
| 100                    | 0 / 400         | mbar          | 1/2" BSPP(G)            | Glass           | 10059953 |
| 100                    | 0 / 600         | mbar          | 1/2" BSPP(G)            | Glass           | 10059938 |
| 160                    | -400 / 0        | mbar          | 1/2" BSPP(G)            | Glass           | 12386637 |
| 160                    | -100 / 0        | mbar          | 1/2" BSPP(G)            | Glass           | 11295972 |
| 160                    | -100 / 150      | mbar          | 1/2" BSPP(G)            | Glass           | 11884428 |
| 160                    | -60 / 0         | mbar          | 1/2" BSPP(G)            | Glass           | 10059955 |
| 160                    | -20 / 40        | mbar          | 1/2" BSPP(G)            | Glass           | 11238101 |
| 160                    | 0 / 40          | mbar          | 1/2" BSPP(G)            | Glass           | 11936181 |
| 160                    | 0 / 60          | mbar          | 1/2" BSPP(G)            | Glass           | 10059956 |
| 160                    | 0 / 100         | mbar          | 1/2" BSPP(G)            | Glass           | 11060326 |
| 160                    | 0 / 160         | mbar          | 1/2" BSPP(G)            | Glass           | 11129927 |
| 160                    | 0 / 250         | mbar          | 1/2" BSPP(G)            | Glass           | 11012101 |
| 160                    | 0 / 400         | mbar          | 1/2" BSPP(G)            | Glass           | 11108491 |
| 160                    | 0 / 600         | mbar          | 1/2" BSPP(G)            | Glass           | 11350840 |

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