



SPECIAL FEATURES

COST EFFECTIVE
DRY OR LIQUID FILLED
STANDARD FOLLOWED IN GENERAL EN 837-1

APPLICATIONS

PNEUMATICS, HYDRAULICS, PUMPS, COMPRESSORS,
DIESEL ENGINES AND GASEOUS / LIQUID MEDIA THAT
WILL NOT OBSTRUCT THE PRESSURE SYSTEM.

STANDARD VERSION

NOMINAL SIZE:100 ,115 & 150 mm

| | |
|--------------------------|---|
| Accuracy class | 1,0 |
| Ambient temperature | - 20°C to + 65°C |
| Process temperature | Max. 120°C |
| Operating pressure range | 75% of scale value |
| Over pressure limit | ≤ 100 bar : 125% of Max. scale value > 100 to ≤ 600 bar : 115% of Max. scale value |
| Case & Bezel | AISI 304 SS (Bayonet type) |
| Bourdon | Copper alloy up to 70 kg/cm ² AISI 316L SS for 100 kg/cm ² & above |
| Socket | Copper alloy |
| Movement | Copper alloy |
| Joints | Alloy brazing / soldering |
| Protection | IP 65 |
| Dial | Aluminium, black graduation on white background |
| Pointer | Aluminium ,black coloured micrometer zero adjustable |
| Window | Plexi glass |
| Filling plug | Neoprene |
| Gasket | Neoprene |
| Blow off disc | Neoprene |

DRY BUT FILLABLE VERSION (OPTION FG)

| | |
|---------------------------|---|
| Fillable dampening liquid | Glycerine 98% |
| Process temperature | Maximum 65°C |
| Other features | Refer specification of standard version |

GLYCERINE FILLED VERSION (OPTION PY)

| | |
|---------------------|--|
| Accuracy | 1,0 |
| Ambient temperature | Maximum 65°C |
| Process temperature | Maximum 65°C |
| Window | Plexi glass |
| Dampening liquids | Glycerine 98% (others available as option) |
| Other features | Refer specification of standard version |

HOW TO ORDER

BASIC MODEL

CODE

NOMINAL SIZE

| F | G | H |
|--------|--------|--------|
| 100 mm | 115 mm | 150 mm |

TYPE OF MOUNTING

- | | |
|---|---|
| 1 WALL / SURFACE / PROJECTION MOUNTING WITH BOTTOM ENTRY | 3 DIRECT LOWER BACK ENTRY |
| 2 DIRECT BOTTOM ENTRY | 5 LOWER BACK ENTRY WITH FRONT FLANGE |
| | 9 LOWER BACK ENTRY WITH MOUNTING BRACKET |

GAUGE CONNECTION

- | | | |
|----------------------------------|----------------------------------|---------------------------|
| 3BM 3/8" BSP (M) STANDARD | 2NM 1/4 " NPT (M) | 4TM 1/2" BSPT (M) |
| 4BM 1/2" BSP (M) STANDARD | 4NM 1/2" NPT (M) STANDARD | 4MM M 20 x 1.5 (M) |

Note : Connections like Metric/ PT/ PF/ Flaired/ UNF/ G/ R etc can be provided on request.

RANGE

REFER RANGE TABLE

OPTIONAL EXTRAS

- | | |
|--|--|
| PW FIVE POINT CALIBRATION CERTIFICATE | FG FILLABLE LIQUID GLYCERINE |
| RH CUSTOM DESIGNED DIAL | SK MICROMETER '0' ADJUSTMENT POINTER |
| SG OXYGEN SERVICE (FOR DRY VERSION) | ZC FREON RANGE (WITH TEMPERATURE SCALE) |
| SX SS TAG PLATE | SL ZERO ADJUSTABLE POINTER |
| PY DAMPENING LIQUID GLYCERINE FILLED | FK INTEGRAL DAMPENING SCREW (BRASS) |
| TB HELIUM LEAK TEST | |

Ordering Example: P-07 - X - X - XXX - 0/10 bar - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

Example

P-07

X

X

XXX

0-10

Bar

XX