



SPECIAL FEATURES

ECONOMICAL VERSION

GENERAL PURPOSE APPLICATION

APPLICATIONS

F. R. L. UNITS, WATER, AIR, HYDRAULIC, PNEUMATICS, VALVE POSITIONER, SUGAR MILLS & ALLIED PROCESS INDUSTRIES.

STANDARD VERSION

**NOMINAL SIZE : 40 , 50, 63, 80,
100, 150 & 250 mm**

| | |
|--------------------------|---|
| Accuracy class | 1,6 (For NS 63, 80, 100, 150 & 250 mm) 2.5 (For NS 40 & 50 mm) |
| 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 > 600 to ≤ 1600 bar : 110% of max. scale value |
| Case & Bezel | Steel, powder coated / painted (Push fit type) |
| Socket | Copper alloy |
| Bourdon | Copper alloy up to 280 kg/cm ² AISI 316L SS for above 280 kg/cm ² |
| Movement | Copper alloy |
| Joints | Alloy brazing / soldering |
| Dial | Aluminium, black graduation on white background |
| Pointer | Black coloured, fixed. |
| Window | Sheet glass |

HOW TO ORDER

BASIC MODEL

CODE

NOMINAL SIZE (mm)

| B | C | D | E | F | H | J |
|----|----|----|----|-----|-----|-----|
| 40 | 50 | 63 | 80 | 100 | 150 | 250 |

TYPE OF MOUNTING

- 1 WALL/ SURFACE/ PROJECTION MOUNTING WITH BOTTOM ENTRY
- 2 DIRECT BOTTOM ENTRY
- 4 DIRECT CENTER BACK ENTRY
- 12 CENTER BACK ENTRY WITH FRONT FLANGE
- 13 CENTER BACK ENTRY WITH MOUNTING BRACKET

Note : *These gauges will have crimped bezel / ring.
 ** Minimum preferred quantity shall be 100 nos.

GAUGE CONNECTION

- 1BM 1/8" BSP(M)
- 1NM 1/8" NPT(M)
- 1TM 1/8" BSPT(M)
- 2BM 1/4" BSP(M)
- 2NM 1/4" NPT(M)
- 2TM 1/4" BSPT(M)
- 3BM 3/8" BSP(M)
- 3NM 3/8" NPT(M)
- 3TM 3/8" BSPT(M)
- 4BM 1/2" BSP(M)
- 4NM 1/2" NPT(M)
- 4TM 1/2" BSPT(M)
- 4MM M20 x 1.5(M)

* These connections will be provided through adaptors or else for direct threads (without adaptor) minimum order quantity shall be 100 nos per range.
 # Applicable for Freon ranges.

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

RANGE

REFER RANGE TABLE

OPTIONAL EXTRAS

Note : Minimum preferred quantity for non standard items shall be 300 nos.

- | | |
|---------------------------------------|---|
| FK INTEGRAL DAMPENING SCREW (BRASS) | ZC FREON RANGE (WITH TEMPERATURE SCALE) |
| RH CUSTOM DESIGNED DIAL | SW DIAL TAG MARKING |
| SG OXYGEN SERVICE | TB HELIUM LEAK TEST |
| PW FIVE POINT CALIBRATION CERTIFICATE | |

Example

P-01

X

X

XXX

0-10 bar

XX

Ordering Example: P-01 - X - X - XXX - 0/10 bar - XX

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