



SPECIAL FEATURES

STAINLESS STEEL CASE & MEASURING SYSTEM
 SOCKET DIRECTLY WELDED TO CASE
 PROTECTION IP 65 / IP 66
 DRY OR FILLABLE VERSION
 ACCURACY UPTO 0.5%
 STANDARD FOLLOWED IN GENERAL EN 837-1

APPLICATIONS

FOOD & BEVERAGE, PHARMACEUTICAL, CRYOGENICS,
 CHEMICAL & PETROCHEMICAL INDUSTRIES, CONVENTIONAL
 & NUCLEAR POWER PLANTS, PUMPS, HYDRO-CLEANING
 MACHINES, PRESSES, ENGINE COMPRESSORS, TURBINES,
 DIESEL ENGINES & REFRIGERATING PLANTS.
 SUITABLE FOR CORROSIVE ENVIRONMENTS & GASEOUS OR LIQUID
 MEDIA THAT WILL NOT OBSTRUCT THE PRESSURE SYSTEM.

STANDARD VERSION

NOMINAL SIZE : 63, 100 & 150 mm

Accuracy class	1,0 for NS 100 & 150 mm 1,6 for NS 63 mm
Ambient temperature	- 25°C to + 65°C
Process temperature	Max 300°C
Operating pressure	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	AISI 304 SS (Bayonet type)
Bourdon	AISI 316L SS
Socket	AISI 316L SS (Directly welded to case)
Movement	AISI 304 SS
Joints	Tig argon arc welding
Protection	IP 65
Dial	Aluminium, black graduation on white background
Pointer	Aluminium, black coloured micrometer zero adjustable
Window	Sheet glass
Blow off disc	Neoprene
Gasket & filling plug	Neoprene

DRY BUT FILLABLE VERSION (OPTION FG)

Fillable dampening liquid	Glycerine 98% (Option - FG)
Process temperature	Maximum 65°C
Window	Plexi glass
Other features	Refer specification of standard version

GLYCERINE FILLED VERSION (OPTION PY)

Accuracy	±1.0% of F.S.
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

D	F	H
63 mm	100 mm	150 mm

TYPE OF MOUNTING

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

GAUGE CONNECTION (* Applicable for NS 63 mm.)

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

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

RANGE

REFER RANGE TABLE

OPTIONAL EXTRAS

OA ACCURACY ± 0.5% OF F.S. (DRY VERSION & MAXIMUM READING POINTER)	SX SS TAG PLATE
TI MONEL BOURDON & SOCKET (MONEL VERSION)**#	SW DIAL TAG MARKING#
FL INTEGRAL DAMPENING SCREW (MONEL)**	TB HELIUM LEAK TEST
FS FILLABLE LIQUID SILICON OIL*	TF TESTED TO NACE STANDARDS
FG FILLABLE LIQUID GLYCERINE	PW FIVE POINT FACTORY CALIBRATION CERTIFICATE
PZ DAMPENING LIQUID MINERAL LIQUID FILLED	SG OXYGEN SERVICE (DRY VERSION)
PX DAMPENING LIQUID FLOUROLUBE FILLED	RH CUSTOM DESIGNED DIAL
PY DAMPENING LIQUID GLYCERINE FILLED	QB INTEGRAL DAMPENING SCREW (AISI 316 SS)
QA DAMPENING LIQUID SILICON OIL FILLED*	SA INTERNAL OVERPRESSURE STOP
RR ENCLOSURE PROTECTION IP 66	SB INTERNAL VACUUM STOP
RE ENCLOSURE PROTECTION IP 67	ZB RECEIVER RANGE
RW PLEXI GLASS	ZC FREON RANGE (WITH TEMPERATURE SCALE)
RX SHATTERPROOF/SAFETY GLASS	ZD AMMONIA RANGE (WITH TEMPERATURE SCALE)
RZ TOUGHENED GLASS	CK EPOXY PAINTED CASE & BEZEL
SF MOVEMENT WITH DAMPENING JELLY	ZM ELECTRO POLISHED CASE & BEZEL
SJ MAXIMUM READING POINTER WITH PLEXI GLASS	KA ON - OFF TYPE VENT PLUG
SH FIXED POINTER	GH MATERIAL TEST CERTIFICATES***
ZL OVER RANGE PROTECTION 150% OF F. S.	PU CALIBRATION CERTIFICATE TRACEABLE TO NATIONAL/ INTERNATIONAL STANDARDS

Example
P-25

X

X

XXX

**0-10
Bar**

XX

#For NS 100 mm & 150 mm

* Gasket, BOD & Filling plug of NBR. Consult factory for Viton.

**INTEGRAL DAMPENING SCREW WILL BE IN MONEL IF ORDERED. REFER OPTION FL.

*** MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

Ordering Example: **P-25- X - X - XXX - 0/10 bar- XX**

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