

DIFFERENTIAL PRESSURE GAUGE TYPE PMD

TYPE PMD, diaphragm system with two measuring chambers

STANDARD MODEL

Features : single diaphragm system
 high static pressure
 corrosion resistance
 two measuring chambers
 pressure safe upto the measuring range

Wetted parts : diaphragm duratherm
 AISI316L/1.4404; Viton

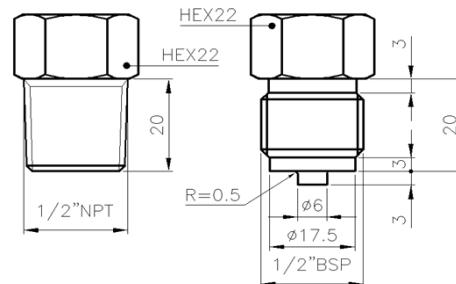
Applications : flow measurement
 petrol chemical industry
 filter applications
 general industry
 shipping industry
 off-shore



Example: PMD100XK with 1/2"NPT connections

Type	max. static pressure	Range
PMD100xx	max. 100 bar	0 - 0.6 upto 0 - 25 bar
PMD160xx	max. 100 bar	0 - 0.6 upto 0 - 25 bar
PMD100xx low	max. 100 bar	0 - 250 upto 0 - 400 mbar
PMD160xx low	max. 25 bar	0 - 25 upto 0 - 400 mbar

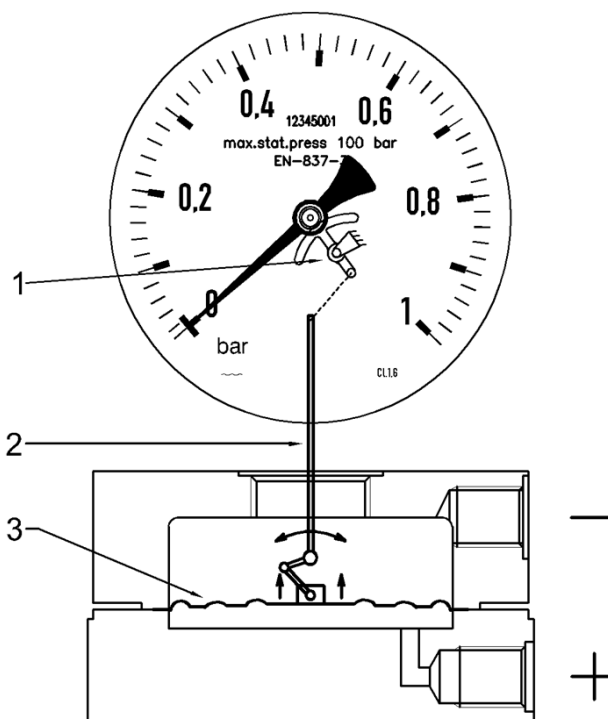
Standard connections



Options : other connections
 connections at 54 mm pitch for case 160 mm
 electrical contacts
 swivel adapters
 manifolds
 chemical seals
 special dials
 connections at 90° angle for case 160 mm

operating principle

- 1 pointer mechanism
- 2 connecting rod
- 3 sensing diaphragm

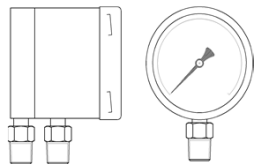
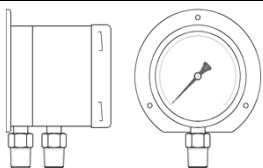
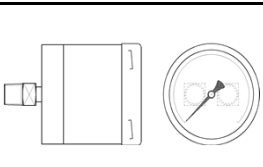
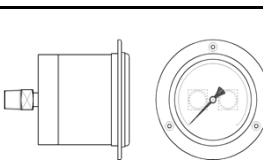
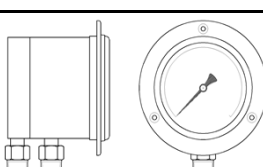
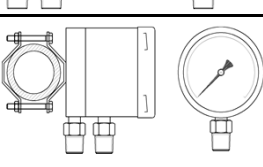


STAINLESS STEEL DIFFERENTIAL PRESSURE GAUGE, TYPE PMD

TYPE PMD, diaphragm system with two measuring chambers

STANDARD MODEL

CASE	: bayonet lock, AISI304/1.4301, IP-65	CONNECTION	: 2x ½"BSP or ½"NPT, AISI316L/1.4404
WETTED PARTS	: AISI316L/1.4404; diaphragm duratherm	MOVEMENT	: AISI304/1.4301
WINDOW	: safety glass	ACCURACY	: ± 1.6% F.S./class 1.6
DIAL	: aluminium, black figures on white	OPTIONS	: see page 57-58, electrical contacts and mechanical transmitters: see page 59-65
POINTER	: aluminium, black		

TYPE	MODEL	CASE DIAMETER xxx (Ø in mm)			
		100 250 upto 400 mbar, max. static press. 100 bar	100 0-0,6 upto 25 bar, max. static pressure 100 bar	160 0-25 upto 400 mbar, max. static pressure 25 bar	160 0-0,6 upto 25 bar, max. static pressure 100 bar
K		PMD100XK-low	PMD100XK	PMD160XK-low	PMD160XK
L		PMD100XL-low	PMD100XL	PMD160XL-low	PMD160XL
M		PMD100XM-low	PMD100XM	PMD160XM-low	PMD160XM
N		PMD100XN-low	PMD100XN	PMD160XN-low	PMD160XN
O		PMD100XO-low	PMD100XO	PMD160XO-low	PMD160XO
Y 2" Yoke vert or hor	 pipe Ø44 - Ø70 mm	PMD100XY-low	PMD100XY	PMD160XY-low	PMD160XY
OPTIONS		EXTRA COSTS			
Lx	LIQUID FILLED CASE: GLYCERINE (In combination with electrical device: Ondina oil see page 64)	PMD100Lx-low	PMD100Lx	PMD160Lx-low	PMD160Lx
"Hz" CONTACT DEVICE	EXCLUDING "Hz" CONTACT (see page 59-63)	O.D.		O.D.	

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bracket for horizontal or vertical pipe mounting