

STIKO

TEMPERATURE
PRESSURE
CALIBRATION



Documentation 2025

DIFFERENTIAL GAUGES



GENERAL INFORMATION

- This documentation for **differential pressure gauges** manufactured by STIKO, "Made in Holland".

CERTIFICATION

- Certificates of Conformity to the company's published specifications are available on request for all STIKO manufactured products according to EN 10204 (2.2).
- Certificates of Calibration for all STIKO manufactured products are also available. These certificates indicate deviations from standards traceable to R V A - D K D (Dutch - German National Standards).

The results are recorded in a certificate which include calibration date, instrument serial number, type number and the R V A or D K D standard used.
- Material Certificates according to EN 10204 (3.1) for all STIKO manufactured products are also available in the form of certificate copies that indicate specifications of the materials used.

WARRANTY AND REPAIR SERVICE

- A warranty period of 24 months is applicable for all instruments.
- An efficient repair and spare part service is available at competitive rates for STIKO products as well as products of other manufacturers.



Instruments for repair should be sent carriage paid and labelled with the sender's name and address, together with a brief description of the work required.

Please note that instruments need to be cleaned before they are returned.

If the instrument is leaking, please seal it in a plastic bag.

If you need a repair quotation, please indicate this on your document.

Repair quotations cannot be made before inspection of the products.

Lead-times upon request.

STIKO has more than 60 years of experience in manufacturing state-of-the-art mechanical instruments in the area of **TEMPERATURE, PRESSURE and PRESSURE CALIBRATION**.

STIKO is ISO-9001-2015 approved and we develop and manufacture all our instruments according to PED (2014/68/EU).

STIKO - Industrieweg 5, 9301 LM Roden, The Netherlands.

STIKO Differential Gauges

Differential gauges

Selection Guide		Page 4
Differential Models	- PBD	Page 5
	- PCD	Page 7
	- PMD	Page 9
	- POD	Page 11
	- POD-HS	Page 13
Standard ranges		Page 15

Gauge options, seals, contacts

Gauge options		Page 17
Seals and minimum range requirements	- chemical seals	Page 18
	- sanitary seals	Page 19
Contacts and minimum range requirements		Page 20
Contacts: prices surplusses		Page 20

Drawings

Drawings	Page 21
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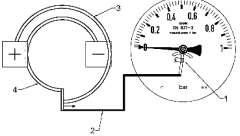
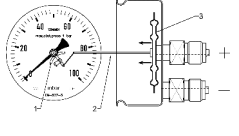
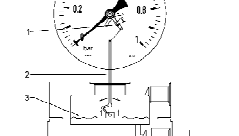
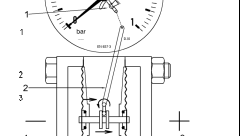
Besides differential gauges, STIKO manufactures many types of pressure gauges also "made in Holland".

Our product categories include high pressure gauges, test gauges, subsea gauges, contact gauges, gauges with chemical seals, but also chart recorders, gas-actuated thermometers and calibration equipment.

Where needed, most products can be tailor-made to customer specifications.

DIFFERENTIAL PRESSURE GAUGES

Selection guide

parameter		differential pressure gauge type			
		PBD	PCD	PMD	POD
application		Air, liquids, dry gasses	Air and dry gasses.	Air and dry gasses. Liquids only for ranges 2,5 bar and higher	Air, liquids, dry gasses
operating principle		2x bourdon tube	capsule	1x diaphragm	2x diaphragm
range (span)	min.	0.6 bar	25 mbar case 100 6 mbar case 160	250 mbar 25 mbar for type low	1 bar 100 mbar for type low
	max.	16 bar	400 mbar	25 bar	25 bar
static pressure	max.	2.5 ... 4 x range	1.5 bar case 100mm 1 bar case 160mm	100 bar 25 bar for type low	100 bar optional 250 bar
overload safe	max.	no	no optional max. 2 bar	no no	100 bar optional 250 bar
case diameter	mm	100; 160	100; 160	100; 160	100; 160
contact device (see page 22)		yes	no	yes	yes
	min.	1.6 bar		1,6 bar 100 mbar for type low	1.6 bar
chemical seals see catalogue page 37		yes, wide range	no	yes	yes
wetted parts		AISI316L/1.4435 AISI316L/1.4404 fully welded system	AISI316L/1.4435 nickel coated brass; polycarbonate	AISI316L/1.4435 diaphragm duratherm Viton; PTFE	DP cell; AISI316L/1.4435 diaphragm duratherm Viton; PTFE
catalogue page		5	7	9	11
operating principle					
T ambient		-20/+60 °C	-20/+50 °C	-20/+60 °C	-20/+60 °C
T process max.		-20/+100 °C	-20/+50 °C	-20/+80 °C	-20/+80 °C

DIFFERENTIAL PRESSURE GAUGE TYPE PBD

TYPE PBD, with double bourdon-tube system

STANDARD MODEL

Features :

- double bourdon-tube system
- corrosion resistance
- all welded construction
- pointer deflection between 90°-180°
- pressure safe upto the measuring range

Wetted parts : bourdon tube AISI316Ti/1.4571

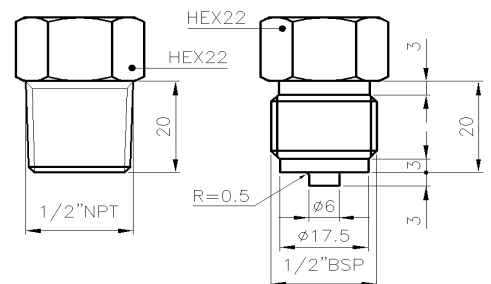
Applications :

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



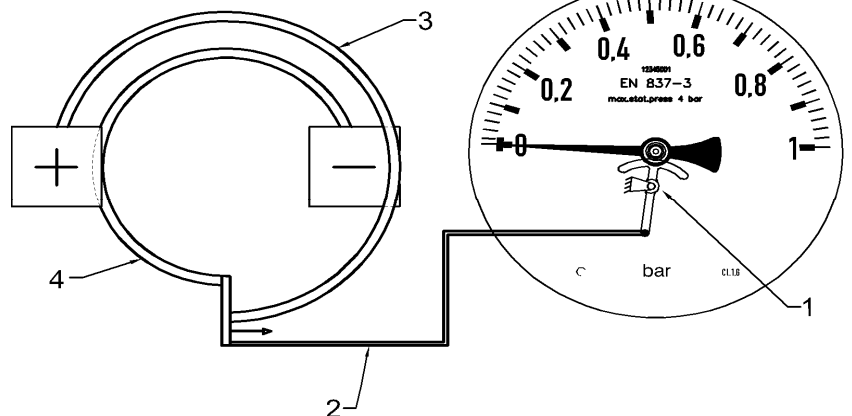
Example: PBD100XN

Type	max. static pressure	Range	Standard connections
PBD	max. 3 bar	0 - 0.6 bar	
	max. 4 bar	0 - 1 bar	
	max. 6 bar	0 - 1.6 bar	
	max. 10 bar	0 - 2.5 bar	
	max. 16 bar	0 - 4 bar	
	max. 25 bar	0 - 6 bar	
	max. 30 bar	0 - 10 bar	
	max. 40 bar	0 - 16 bar	



Options :

- other connections
- electrical contacts
- swivel adapters
- manifolds
- chemical seals (on demand)
- special dials



1 pointer mechanism

2 connecting rod

3 + bourdon tube

4 - bourdon tube

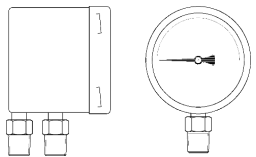
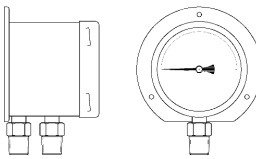
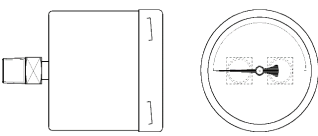
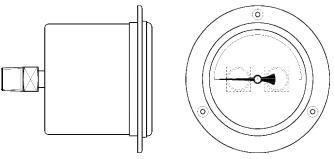
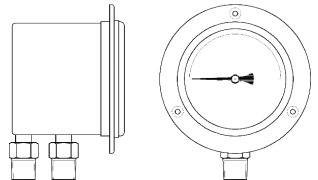
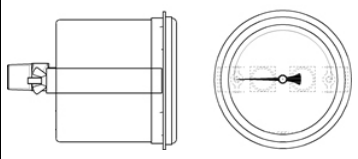
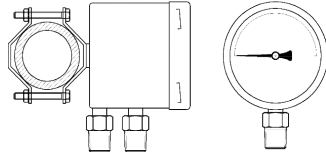
operating principle

STAINLESS STEEL DIFFERENTIAL PRESSURE GAUGE, TYPE PBD

TYPE PBD, with bourdon-tube system

STANDARD MODEL

CASE	: bayonet lock, AISI304/1.4301, IP-65	CONNECTION	: 2x ½"BSP or ½"NPT AISI316L/1.4404
WETTED PARTS	: double bourdon tube AISI316Ti/1.4571	MOVEMENT	: AISI304/1.4301
WINDOW	: safety glass	ACCURACY	: ± 1.6% F.S./class 1.6
DIAL	: aluminium, black figures on white	OPTIONS	: see pages 17-20
POINTER	: aluminium, black	POINTER DEFLECTION BETWEEN 100° AND 180°	

TYPE	MODEL	CASE DIAMETER (Ø in mm)	
		100	160
K		PBD100XK	PBD160XK
L		PBD100XL	PBD160XL
M		PBD100XM	PBD160XM
N		PBD100XN	PBD160XN
O		PBD100XO	PBD160XO
H		PBD100XH	PBD160XH
Y 2" Yoke (vert or hor)		PBD100XY	PBD160XY
OPTION		EXTRA COSTS	
Lx	GLYCERIN CASE FILLING *	PBD100Lx	PBD160Lx
Lx	RESISTANCE OIL CASE FILLING *	PBD100Lx	PBD160Lx

* Please be aware that a case filling, in combination with a contact, should imperatively be RESISTANCE OIL

DIFFERENTIAL PRESSURE GAUGE TYPE PCD

TYPE PCD, capsule system for low pressure

STANDARD MODEL

Features : capsule system
for clean air and dry gasses
case under static pressure

Liquid filling and contact devices with PCD not possible

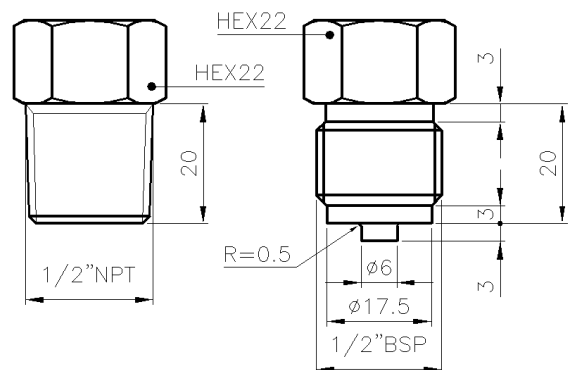
Wetted parts: capsule AISI316Ti/1.4571
st. steel; viton; NBR; macrolon
nickel plated brass movement in
measuring chamber

Applications : flow measurement
heating and ventilation
filter applications
general industry
oil and gas industry
for clean air and dry gases only



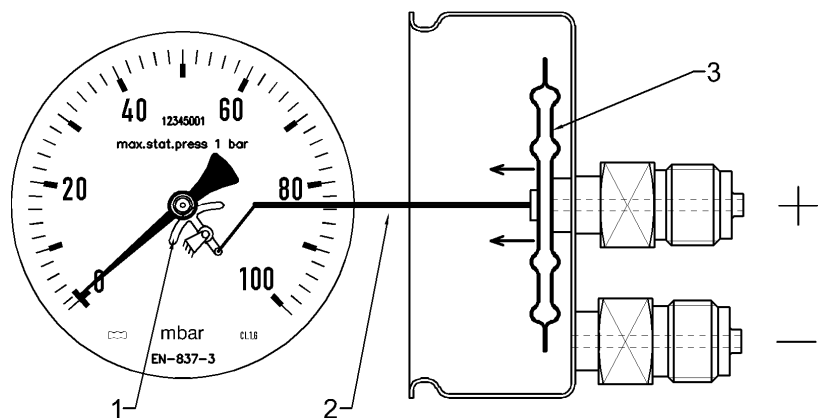
Example: PCD100XK

Type	Range	Max. stat. pressure
PCD100xx	0 - 25 mbar upto 0 - 400 mbar	1.5 bar
PCD160xx	0 - 6 mbar upto 0 - 400 mbar	1 bar



Standard connections

Options : other connections
swivel adapters
manifolds
special dials



operating principle

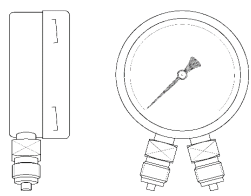
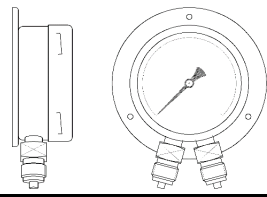
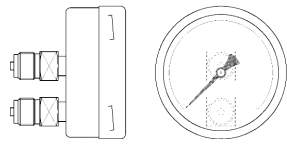
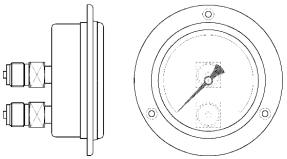
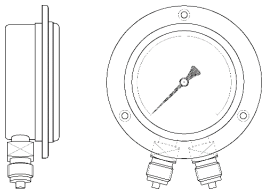
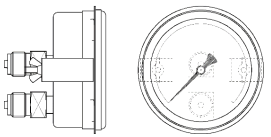
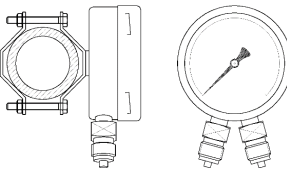
- 1 pointer mechanism
- 2 connecting rod
- 3 sensing element (capsule)

STAINLESS STEEL LOW-DIFFERENTIAL PRESSURE GAUGE, TYPE PCD

TYPE PCD, with capsule measuring element

STANDARD MODEL

CASE	: bayonet lock, AISI304/1.4301, IP-66	CONNECTION	: 2x ½"BSP or ½"NPT, AISI316L/1.4404
WINDOW	: polycarbonate	MOVEMENT	: nickel plated brass
DIAL	: aluminium, black figures on white	ACCURACY	: ± 1.6% F.S./class 1.6
POINTER	: aluminium, black	OPTIONS	: see pages 17-20

TYPE	MODEL	CASE DIAMETER (Ø in mm)	
		100	160
K		PCD100XK	PCD160XK
L		PCD100XL	PCD160XL
M		PCD100XM	PCD160XM
N		PCD100XN	PCD160XN
O		PCD100XO	PCD160XO
H		PCD100XH	PCD160XH
Y 2"Yoke vert or hor	 pipe Ø44mm - Ø70 mm	PCD100XY	PCD160XY
OPTION		EXTRA COSTS	
OVERRANGE PROTECTION	UPTO 10 TIMES FULL SCALE maximum 2.0 bar		
NOTES:		Contact devices / liquid filling not possible with PCD	

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 up to the measuring range

Suited for air and dry gasses.
Liquids only for ranges 2,5 bar and higher

Wetted parts : diaphragm duratherm
AISI316L/1.4404; Viton

Applications :

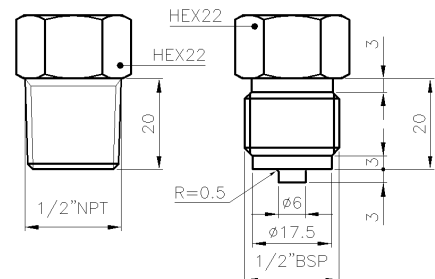
- flow measurement
- petrol chemical industry
- filter applications
- general industry
- shipping industry
- off-shore



Example: PMD100XK with 1/2"NPT connections

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

Standard connections

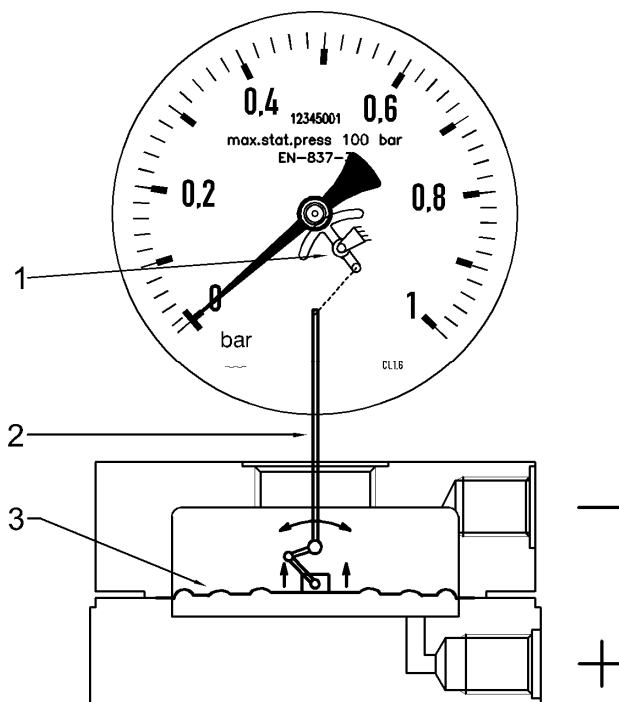


Options :

- 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

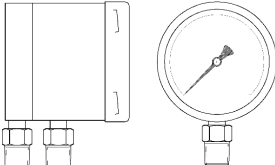
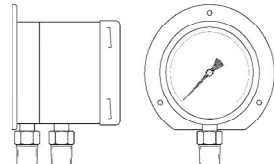
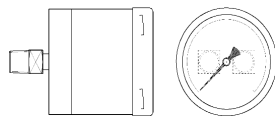
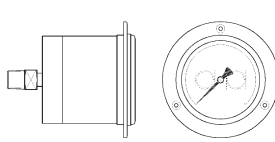
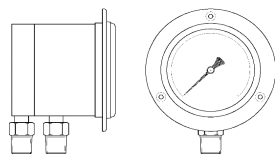
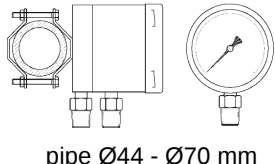


STAINLESS STEEL DIFFERENTIAL PRESSURE GAUGE, TYPE PMD

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 pages 17-20
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	GLYCERIN CASE FILLING *	PMD100Lx-low	PMD100Lx	PMD160Lx-low	PMD160Lx
Lx	RESISTANCE OIL CASE FILLING *	PMD100Lx-low	PMD100Lx	PMD160Lx-low	PMD160Lx

* Please be aware that a case filling, in combination with a contact, should imperatively be RESISTANCE OIL

DIFFERENTIAL PRESSURE GAUGE TYPE POD

TYPE POD, double diaphragm system overload safe up to 100 (250) bar

STANDARD MODEL

Features :

- double diaphragm system (DP cell)
- static pressure max. 100 bar
- two measuring chambers
- both sides over pressure safe up to 100 bar (static pressure)**

corrosion resistance
connections at 54 mm pitch

Wetted parts : diaphragms duratherm
AIS1316L/1.4404; Viton

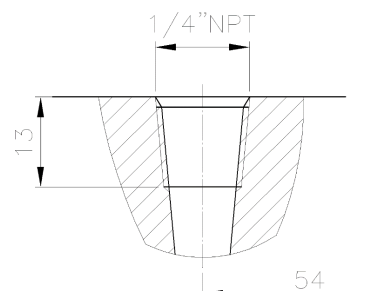
Applications : flow measurement
petrol chemical industry
filter applications
general industry
shipping industry
off-shore



Example: POD100XK

Type	max. static pressure	Range
POD100xx-low POD160xx-low	max. 100 bar	0 - 100 mbar up to 0 - 600 mbar
POD100xx POD160xx	max. 100 bar	0 - 1 bar up to 0 - 25 bar

standard connections

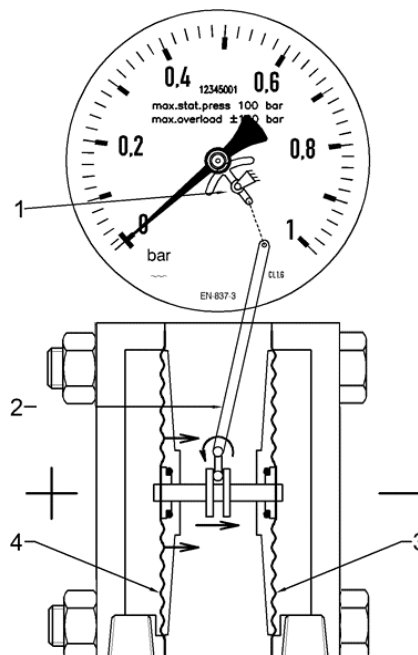


Options :

- other connections (adapters)
- swivel adapters
- manifolds
- chemical seals
- electrical contacts
- special dials
- static pressure max. 250 bar

operating principle

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

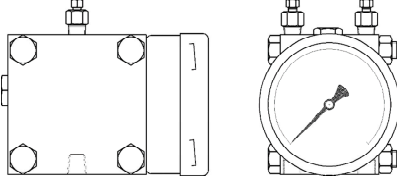
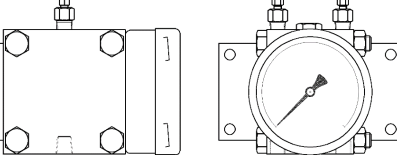
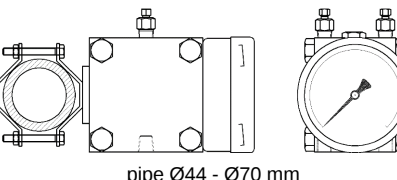


STAINLESS STEEL DIFFERENTIAL PRESSURE GAUGE, TYPE POD

**TYPE POD, with double diaphragm system, max. st. press. 100 bar
max. overload 100 bar on both sides**

STANDARD MODEL

CASE	: bayonet lock, AISI304/1.4301, IP-65	MOVEMENT	: AISI304/1.4301
WETTED PARTS	: diaphragms duratherm other AISI316L/1.4404/1.4435	ACCURACY	: $\pm 1.6\%$ F.S./class 1.6
WINDOW	: safety glass	STATIC PRESS.	: max. 100 bar
DIAL	: aluminium, black figures on white	OVERLOAD	: both sides upto 100 bar *
POINTER	: aluminium, black	APPLICATION	: general and heavy industry
CONNECTION	: 2 x 1/4"NPT female, AISI316L/1.4404 at pitch 54 mm	OPTIONS	: see page 17

TYPE	MODEL	CASE DIAMETER (Ø in mm)			
		100 100 upto 600 mbar	100 1 upto 25 bar	160 100 upto 600 mbar	160 1 upto 25 bar
K		POD100XK-low	POD100XK	POD160XK-low	POD160XK
L		POD100XL-low	POD100XL	POD160XL-low	POD160XL
Y 2" Yoke vert. or hor.	 pipe Ø44 - Ø70 mm	POD100XY-low	POD100XY	POD160XY-low	POD160XY
OPTION		EXTRA COSTS			
Lx	RESISTANCE OIL CASE FILLING	POD100Lx-low	POD100Lx	POD160Lx-low	POD160Lx
* STATIC PRESSURE 250 BAR	STATIC PRESSURE UPTO 250 BAR both sides overload save upto 250 bar	X		X	
CONNECTION	2x 1/2"BSP or 1/2"NPT male				

DIFFERENTIAL PRESSURE GAUGE TYPE POD-HS

TYPE POD-HS, double diaphragm system overload safe upto 250 bar (400 bar)

HIGH STATIC PRESSURE MODEL

Features :

- two flexible stainless steel diaphragms
- max. static pressure 250 or 400 bar
- rinseable pressure chambers
- both sides over pressure safe**
- up to the static pressure (250 or 400 bar)**
- high corrosion resistance
- connections at 54 mm pitch

Wetted parts : AISI316L / 1.4404

Diaphragms :

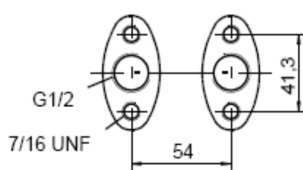
- 0 - 400 mbar - AISI316Ti / 1.4571
- 0.6 - 25 bar - Duratherm ®

Applications :

- gas plants
- chemical industry
- general industry
- off-shore



Example: POD-HS160XK

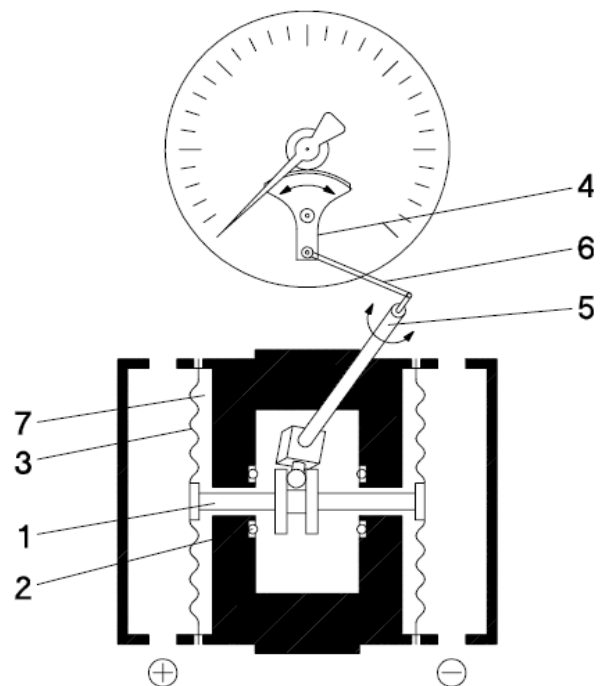
Type	max. static pressure	Range	standard connections 
POD-HS100xx-low	max. 250 bar / 400 bar	0 - 60 mbar upto	
POD-HS160xx-low		0 - 400 mbar	
POD-HS100xx	max. 250 bar / 400 bar	0 - 0.6 bar upto	
POD-HS160xx		0 - 25 bar	

Options :

- other connections (adapters)
- swivel adapters
- manifolds
- chemical seals
- electrical contacts
- special dials
- static pressure max. 400 bar**

operating principle:

- 1 - connecting rod
- 2 - O-ring, overpressure safety device
- 3 - sensing diaphragm
- 4 - movement
- 5 - measuring shaft
- 6 - lever
- 7 - pressure transfer liquid

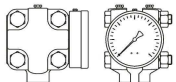
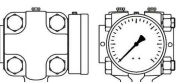
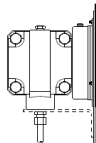
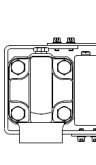
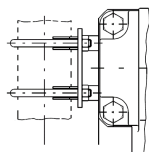


DIFFERENTIAL PRESSURE GAUGE TYPE POD-HS

TYPE POD-HS, double diaphragm system overload safe upto 250 bar (optional 400 bar)

HIGH STATIC PRESSURE MODEL

CASE	: bayonet lock, AISI304/1.4301, IP-54	MOVEMENT	: AISI304/1.4301
	: with casefilling, IP-65	ACCURACY	: $\pm 1.6\%$ F.S./class 1.6
DIAPHRAGMS	: 0 - 400 mbar - diaphragms 1.4571	STATIC PRESS.	: max. 250 bar (optional 400 bar)
	: 0.6 - 25 bar - diaphragms Duratherm	OVERLOAD	: both sides upto 250 bar
OTHER WETTED PARTS	: AISI316L / 1.4404	APPLICATION	: general and heavy industry
WINDOW	: laminated safety glass	AMBIENT TEMP.	: -20 / +80 ° C
DIAL	: aluminium, black figures on white	PROCESS TEMP.	: -20 / +80 ° C
POINTER	: aluminium, black	ZERO ADJUSTMENT	: max. 30 % F.S.
STANDARD CONNECTION	: 2 x 1/2 " BSP female, AISI316L/1.4404 at pitch 54 mm		
GASKETS	: Viton ® O-Rings		

TYPE	MODEL	CASE DIAMETER			
		Ø 100 mm		Ø 160mm	
		range		range	
		0-60 mbar upto 400 mbar	0-0.6 bar upto 25 bar	0-60 mbar upto 400 mbar	0-0.6 bar upto 25 bar
XK		POD-HS100XK-low	POD-HS100XK	POD-HS160XK-low	POD-HS160XK
XL		POD-HS100XL-low	POD-HS100XL	POD-HS160XL-low	POD-HS160XL
XD		POD-HS100XD-low	POD-HS100XD	POD-HS160XD-low	POD-HS160XD
XH		POD-HS100XH-low	POD-HS100XH	POD-HS160XH-low	POD-HS160XH
XY		POD-HS100XY-low	POD-HS100XY	POD-HS100XY-low	POD-HS160XY

OPTIONS

OTHER MATERIALS e.g. Hastelloy	Hastelloy diaphragm (according to NACE - MR-01-03)	on demand
	Hastelloy wetted parts (according to NACE - MR-01-75)	
400 BAR STATIC	Max. static pressure 400 bar and both sides overload safe upto 400 bar	
OTHER CONNECTIONS	ON DEMAND	
POINTERS	DRAG POINTER ADJUSTABLE POINTER	
Lx	CASE FILLING (glycerin or Resistance Oil) e.g. POD-HS-160LL In combination with electrical contact: RESISTANCE OIL	

STANDARD PRESSURE RANGES FOR DIFFERENTIAL PRESSURE GAUGES

PRESSURE RANGES (in bar)	SCALE DIVISION cl. 1.6	EXTRA COSTS	
		Ø 100	Ø 160
-1 ...0 *	0.02	•	•
-1 ...0.6 *	0.05	•	•
-1 ...1.5	0.05	•	•
-1 ...3	0.1	•	•
-1 ...5	0.1	•	•
-1 ...9	0.2	•	•
-1 ...15	0.5	•	•
-1 ...24	0.5	•	•
0 ...0.6 *	0.01	•	•
0 ...1 *	0.02	•	•
0 ...1.6 *	0.05	•	•
0 ...2.5	0.05	•	•
0 ...4	0.1	•	•
0 ...6	0.1	•	•
0 ...10	0.2	•	•
0 ...16	0.5	•	•
0 ...25	0.5	•	•
NON STANDARD RANGES			
e.g. 0-7 bar or 0-110 psi			
DOUBLE SCALES			
e.g. bar/psi, bar/kPa, etc.		•	

x

NOT AVAILABLE

•

STANDARD

* PMD models in use with liquids, only possible for ranges of 2,5 bar and higher

STANDARD PRESSURE RANGES FOR TYPES: PCD, PMD

PRESSURE RANGES

(in mbar) **		SCALE DIVISION cl. 1.6	CASE DIMENSIONS (in mm)	
			Ø 100	Ø 160
-6 ...0	0 ...6	0.1	×	•
-10 ...0	0 ...10	0.2	×	•
-16 ...0	0 ...16	0.5	×	•
-25 ...0	0 ...25	0.5	•	•
-40 ...0	0 ...40	1	•	•
-60 ...0	0 ...60	1	•	•
-100 ...0	0 ...100	2	•	•
-160 ...0	0 ...160	5	•	•
-250 ...0	0 ...250	5	•	•
-400 ...0	0 ...400	10	•	•
-4 ...2	-2 ...4	0.1	×	•
-6 ...4	-4 ...6	0.2	×	•
-10 ...6	-6 ...10	0.5	×	•
-15 ...10	-10 ...15	0.5	•	•
-25 ...15	-15 ...25	1	•	•
-40 ...20	-20 ...40	1	•	•
-60 ...40	-40 ...60	2	•	•
-100 ...60	-60 ...100	5	•	•
-150 ...100	-100 ...150	5	•	•
-250 ...150	-150 ...250	10	•	•

DOUBLE SCALES **

e.g. mbar/mmWC, mbar/Pa, etc.

•

NON STANDARD RANGES:

e.g. 0-50 mbar etc.

×

NOT AVAILABLE

•

STANDARD

** Scale in psi, kPa, kg/cm², mWC etc. available with no extra charge

OPTIONS FOR DIFFERENTIAL GAUGES

TYPE	CASE DIMENSIONS (in mm)	EXTRA COSTS								
		CONNECTIONS							CASE & BEZEL	
		1/8"BSP/NPT	1/4"BSP/NPT	1/2"BSP, 1/2"NPT	3/8"BSP/NPT	M20x1.5	M16x1.5 H.P. female*	9/16"UNF x 18 H.P. female *	AISI316L / 1.4404	BACK / FRONT FLANGE AISI316L/1.4404
PCD	100			•			×	×		
	160			•			×	×		
PBD	100			•			○	○		
	160			•			○	○	×	×
PMD	100			•			×	×		
	160			•			×	×	×	×
POD	100						×	×		×
	160						×	×		×

* Not available with pulsation damper

TYPE	CASE DIMENSIONS (in mm)	EXTRA COSTS								
		POINTERS					MEASURING SYSTEM			
		ADJUSTABLE	INDEX POINTER ON GLASS	SINGLE DRAG POINTER	DOUBLE DRAG POINTER	DRAG POINTER in combination with HZ contact	OIL & GREASE FREE**	MONEL WETTED PARTS	PULSATION DAMPER AISI316/1.4401	OVERLOAD 2x F.S. other on demand
PCD	100		×	×	×	×	×	×		see page 8
	160		×	×	×	×	×	×		
PBD	100				×		×			×
	160				×		×			×
PMD	100				×		×	×		×
	160				×		×	×		×
POD	100				×	×	×	×		×
	160				×	×	×	×		×

** Not suitable for use on oxygen

TYPE	CASE DIMENSIONS (in mm)	EXTRA COSTS				
		WINDOW MATERIAL			BLOW- OUT	
		PMMA - PLEXIGLASS	SECURIT	LAMINATED SAFETY GLASS	DISC	PLUG *** (WHEN LIQUID FILLED)
PCD	100	×		×	×	×
	160	×		×	×	×
PBD	100				•	•
	160				•	•
PMD	100				•	×
	160				•	×
POD	100				•	×
	160				•	×

*** WITH COMPENSATING DIAPHRAGM / Not possible in combinations with contacts or transmitters

×	NOT AVAILABLE	•	STANDARD	○	ON DEMAND
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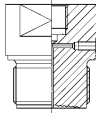
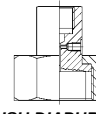
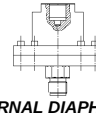
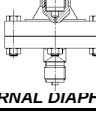
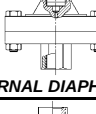
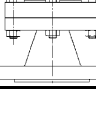
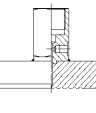
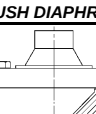
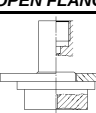
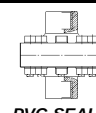
MARKING FOR PRESSURE GAUGES

OPTIONS	EXTRA PRICE
TAG number on dial	
TAG number on AISI304/1.4301 TAG plate 55x25 mm	
Lettering on dial	
Red mark / coloured segments on dial	

DIFFERENTIAL PRESSURE GAUGES WITH CHEMICAL SEALS

TYPE PBD; PCD; PMD; POD; with chemical seals

WETTED PARTS	: AISI316L/1.4435, other on demand	Tprocess	: 0/+120 °C (-40°C upto +200°C on demand)
ACCURACY	: ±1.6% F.S./class 1.6	CAPILLARY	: 3.2 mm AISI316L/1.4435
FILLING FLUID	: marcol, other on demand	OPTIONS	: st.st. spiral and/or PVC protection on capillary

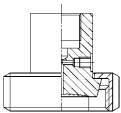
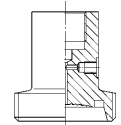
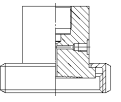
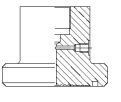
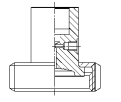
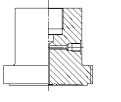
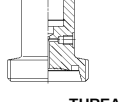
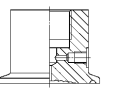
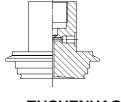
SEAL MODEL		CONNECTION	Differential pressure gauge type						
			PBD		PCD	PMD		POD	
			min. range	max. range		min. range	max. range	min. range	max. range
for dimensions see page 17-22									
-01	 FLUSH DIAPHRAGM	½"BSP/NPT	x	x	x	x	x	x	x
-02		¾"BSP/NPT	x	x	x	x	x	x	x
-03		1"NPT	x	x	x	x	x	x	x
-03		1"BSP	0.6 bar	16 bar	x	x	x	x	x
-0338		1½"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x
-0350		2"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x
-04	 FLUSH DIAPHRAGM	1"BSP female	x	x	x	x	x	x	x
-05		1¼"BSP female	0.6 bar	16 bar	x	x	x	x	x
-0538		1½"BSP female	0.6 bar	16 bar	x	x	x	x	x
-0550		2"BSP female	0.6 bar	16 bar	x	x	x	x	x
-06	 INTERNAL DIAPHRAGM	½"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x
-07		¾"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x
-08		1"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x
-09	 INTERNAL DIAPHRAGM	½"BSP/NPT	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-10		½"BSP/NPT	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-11	 INTERNAL DIAPHRAGM	½"BSP/NPT female	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-12		½"BSP/NPT female	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-13	 INTERNAL DIAPHRAGM	3/4-1"ANSI or DN20-25	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-14		1½"ANSI or DN40	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-15		2"ANSI or DN50	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-16	 FLUSH DIAPHRAGM	3/4"ANSI or DN20	x	x	x	x	x	x	x
-16		1"ANSI or DN25	0.6 bar	16 bar	x	x	x	x	x
-17		1½"ANSI or DN40	0.6 bar	16 bar	x	x	x	x	x
-18		2"ANSI or DN50	0.6 bar	16 bar	x	x	x	x	x
-1880		3"ANSI or DN80	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-18100		4"ANSI or DN100	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-19	 OPEN FLANGE	1/2"ANSI or DN15-20	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-20		1"ANSI or DN25	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-21		2"ANSI or DN50	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-22	 PAPER-SEAL	DN 48 tube 6,5mm	0.6 bar	16 bar	x	x	x	x	x
-23		DN 48 tube 15mm	0.6 bar	16 bar	x	x	x	x	x
-24	 PVC-SEAL	¼"BSP/NPT female	O.D.	O.D	x	x	x	x	x
-25		½"BSP/NPT female	O.D.	O.D.	x	x	x	x	x
-26	 MINI-SEAL	½"BSP/NPT	0.6 bar	16 bar	x	x	x	x	x

» Other ranges, pressure ratings, flange sizes (such as JIS;), materials (such as PTFE; Tantalum,) and connections on demand.

DIFFERENTIAL PRESSURE GAUGES WITH SANITARY SEALS

TYPE PBD; PCD; PMD; POD; with sanitary seals

WETTED PARTS	: AISI316L/1.4435, other on demand	Tprocess : 0/+120 °C (-40°C up to +200°C on demand)
ACCURACY	: ±1.6% F.S./class 1.6	CAPILLARY : 3.2 mm AISI316L/1.4435
FILLING FLUID	: marcol, other on demand	OPTIONS : st.st. spiral and/or PVC protection on capillary

SEAL MODEL for dimensions see page 27-30		CONNECTION	Differential pressure gauge type						
			PBD		PCD	PMD		POD	
			min. range	max. range		min. range	max. range	min. range	max. range
-01	 DIN-11851 GLAND PIECE + COUPLING NUT	1" DN25	0.6 bar	16 bar	x	x	x	x	x
-0232		1¼" DN32	0.6 bar	16 bar	x	x	x	x	x
-02		1½" DN40	0.6 bar	16 bar	x	x	x	x	x
-03		2" DN50	0.6 bar	16 bar	x	x	x	x	x
-0365		2½" DN65	0.6 bar	16 bar	x	x	x	x	x
-0380		3" DN80	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-0425	 DIN-11851 THREAD PIECE	1" DN25	x	x	x	x	x	x	x
-0432		1¼" DN32	0.6 bar	16 bar	x	x	x	x	x
-04		1½" DN40	0.6 bar	16 bar	x	x	x	x	x
-05		2" DN50	0.6 bar	16 bar	x	x	x	x	x
-0565		2½" DN65	0.6 bar	16 bar	x	x	x	x	x
-0625	 SMS 1145 GLAND PIECE + COUPLING NUT	1"	x	x	x	x	x	x	x
-06		1½"	0.6 bar	16 bar	x	x	x	x	x
-07		2"	0.6 bar	16 bar	x	x	x	x	x
-0765		2½"	0.6 bar	16 bar	x	x	x	x	x
-0780		3"	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-08	 SMS 1145 THREAD PIECE	1½"	0.6 bar	16 bar	x	x	x	x	x
-09		2"	0.6 bar	16 bar	x	x	x	x	x
-1025	 APV - RJT GLAND PIECE + COUPLING NUT	1"	x	x	x	x	x	x	x
-10		1½"	0.6 bar	16 bar	x	x	x	x	x
-11		2"	0.6 bar	16 bar	x	x	x	x	x
-12	 APV - RJT THREAD PIECE	1½"	0.6 bar	16 bar	x	x	x	x	x
-13		2"	0.6 bar	16 bar	x	x	x	x	x
-1425	 IDF ISO-2853 GLAND PIECE + COUPLING NUT	1"	x	x	x	x	x	x	x
-14		1½"	0.6 bar	16 bar	x	x	x	x	x
-15		2"	0.6 bar	16 bar	x	x	x	x	x
-16	 IDF ISO-2853 THREAD PIECE	1½"	0.6 bar	16 bar	x	x	x	x	x
-17		2"	0.6 bar	16 bar	x	x	x	x	x
-18	 ISO-2852 TRI-CLAMP	1"	x	x	x	x	x	x	x
-18		1½"	0.6 bar	16 bar	x	x	x	x	x
-19		2"	0.6 bar	16 bar	x	x	x	x	x
-1965		2½"	0.6 bar	16 bar	x	x	x	x	x
-1980		3"	0.6 bar	16 bar	x	0.25 bar	25 bar	1 bar	25 bar
-20	 VARIVENT TUCHENHAGEN VARIVENT	DN50	0.6 bar	16 bar	x	x	x	x	x
-21		DN68	0.6 bar	16 bar	x	x	x	x	x

» Other ranges, pressure ratings, flange sizes, materials and connections on demand

» Other Standards also available: e.g. DIN 11864, Südmo, Naue, Guth, Neumo

MINIMUM PRESSURE RANGE FOR DIFFERENTIAL GAUGES WITH ELECTRICAL DEVICE

TYPE	TYPE OF CONTACT	M-x	M-xx M-3	M-xxx M-33	I-x E-x	I-xx E-xx	I-xxx E-xxx	Q-3	Q-33	PT5 Add on unit	MECHANICAL TRANSMITTERS
	case dimensions	MINIMUM RANGE (in bar)									
PBD	100	1,6	1,6	4	1,6	1,6	1,6	O.D.	O.D.	1,6	1,6
	160	1,6	1,6	2,5	1,6	1,6	2,5	O.D.	O.D.	x	1,6
PMD	100	1,6	1,6	4	1,6	1,6	1,6	1	1	1,6	1,6
	160	1,6	1,6	2,5	1,6	1,6	2,5	1	1	x	1,6
POD* Excluding -HS	100	1,6	1,6*	x	1,6	1,6*	x	x	x	0,6	O.D.
	160	1,6	1,6*	x	1,6	1,6*	x	x	x	x	O.D.
TYPE	case dimensions	MINIMUM RANGE (in mbar)									
PMD - low	160	40	100	250	40	100	100	O.D.	O.D.	25	x

x

NOT POSSIBLE

* M-11 and M-22 / I-11 and I-22 not possible in POD models

PRICE SURPLUSES FOR DIFFERENTIAL GAUGES WITH BUILT-IN CONTACTS

Case diameter	Ø 100	Ø 160
Case extension for contact-ready gauge (excluding contact)		

For the prices of the contact itself,
please refer to section B of the STIKO Price List Contact Gauges

Please be aware that a case filling, in combination with a contact, should imperatively be RESISTANCE OIL

DIFFERENTIAL PRESSURE GAUGE TYPE PBD

TYPE	DRAWING	DIMENSIONS mm																																																						
K PBDxxxXK		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 + contact</th><th>160 + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101,5</td><td>162</td></tr><tr><td>B</td><td>97</td><td>100</td><td>159</td><td>163</td></tr><tr><td>C</td><td>14</td><td>18</td><td>14</td><td>18</td></tr><tr><td>E</td><td>90</td><td>120</td><td>90</td><td>120</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER				100	160	100 + contact	160 + contact	A	101.5	162	101,5	162	B	97	100	159	163	C	14	18	14	18	E	90	120	90	120	T*	20	20	20	20																				
DIM.	CASE DIAMETER																																																							
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A	101.5	162	101,5	162																																																				
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L PBDxxxXL		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 + contact</th><th>160 + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101,5</td><td>162</td></tr><tr><td>B</td><td>100</td><td>102</td><td>162</td><td>165</td></tr><tr><td>C</td><td>14</td><td>18</td><td>14</td><td>18</td></tr><tr><td>D</td><td>132</td><td>196</td><td>132</td><td>196</td></tr><tr><td>E</td><td>90</td><td>120</td><td>90</td><td>120</td></tr><tr><td>P</td><td>116</td><td>178</td><td>116</td><td>178</td></tr><tr><td>H</td><td>4,5</td><td>6</td><td>4,5</td><td>6</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER				100	160	100 + contact	160 + contact	A	101.5	162	101,5	162	B	100	102	162	165	C	14	18	14	18	D	132	196	132	196	E	90	120	90	120	P	116	178	116	178	H	4,5	6	4,5	6	T*	20	20	20	20					
DIM.	CASE DIAMETER																																																							
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B	100	102	162	165																																																				
C	14	18	14	18																																																				
D	132	196	132	196																																																				
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H	4,5	6	4,5	6																																																				
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M PBDxxxXM		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 + contact</th><th>160 + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101,5</td><td>162</td></tr><tr><td>B</td><td>97</td><td>100</td><td>159</td><td>163</td></tr><tr><td>E</td><td>137</td><td>140</td><td>199</td><td>203</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER				100	160	100 + contact	160 + contact	A	101.5	162	101,5	162	B	97	100	159	163	E	137	140	199	203	T*	20	20	20	20																									
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DIM.	CASE DIAMETER																																																							
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DIFFERENTIAL PRESSURE GAUGE TYPE PBD

TYPE	DRAWING	DIMENSIONS mm																																																											
O PBDxxxXO		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 + contact</th><th>160 + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101,5</td><td>162</td></tr><tr><td>B</td><td>97</td><td>100</td><td>97</td><td>100</td></tr><tr><td>C</td><td>14</td><td>18</td><td>14</td><td>18</td></tr><tr><td>D</td><td>132</td><td>196</td><td>132</td><td>196</td></tr><tr><td>E</td><td>90</td><td>120</td><td>90</td><td>120</td></tr><tr><td>F</td><td>3,5</td><td>3</td><td>3,5</td><td>3</td></tr><tr><td>G</td><td>13</td><td>15,5</td><td>13</td><td>15,5</td></tr><tr><td>H</td><td>4,5</td><td>6</td><td>4,5</td><td>6</td></tr><tr><td>P</td><td>116</td><td>178</td><td>116</td><td>178</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER				100	160	100 + contact	160 + contact	A	101.5	162	101,5	162	B	97	100	97	100	C	14	18	14	18	D	132	196	132	196	E	90	120	90	120	F	3,5	3	3,5	3	G	13	15,5	13	15,5	H	4,5	6	4,5	6	P	116	178	116	178	T*	20	20	20	20
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Y PBDxxxXY pipe size: Ø44 - Ø70 mm		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 + contact</th><th>160 + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101,5</td><td>162</td></tr><tr><td>B</td><td>140**</td><td>143**</td><td>202**</td><td>206**</td></tr><tr><td>C</td><td>57</td><td>61</td><td>57</td><td>61</td></tr><tr><td>E</td><td>90</td><td>120</td><td>90</td><td>120</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT ** dimensions for 2" pipe size bracket for horizontal or vertical pipe mounting	DIM.	CASE DIAMETER				100	160	100 + contact	160 + contact	A	101.5	162	101,5	162	B	140**	143**	202**	206**	C	57	61	57	61	E	90	120	90	120	T*	20	20	20	20																									
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DIFFERENTIAL PRESSURE GAUGE TYPE PCD

TYPE	DRAWING	DIMENSIONS mm																																
K PCDxxxXK		<table><tr><th rowspan="2">DIM.</th><th colspan="2">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th></tr><tr><td>A</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>51</td><td>49</td></tr><tr><td>C</td><td>13</td><td>13</td></tr><tr><td>E</td><td>90</td><td>120</td></tr><tr><td>T*</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER		100	160	A	101.5	162	B	51	49	C	13	13	E	90	120	T*	20	20												
		DIM.		CASE DIAMETER																														
100	160																																	
A	101.5	162																																
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L PCDxxxXL		<table><tr><th rowspan="2">DIM.</th><th colspan="2">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th></tr><tr><td>A</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>54</td><td>52</td></tr><tr><td>C</td><td>16</td><td>15</td></tr><tr><td>D</td><td>132</td><td>196</td></tr><tr><td>E</td><td>90</td><td>120</td></tr><tr><td>P</td><td>116</td><td>178</td></tr><tr><td>H</td><td>4,5</td><td>6</td></tr><tr><td>T*</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER		100	160	A	101.5	162	B	54	52	C	16	15	D	132	196	E	90	120	P	116	178	H	4,5	6	T*	20	20			
		DIM.		CASE DIAMETER																														
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		DIM.		CASE DIAMETER																														
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DIFFERENTIAL PRESSURE GAUGE TYPE PCD

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O PCDxxxXO		<table><tr><th rowspan="2">DIM.</th><th colspan="2">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th></tr><tr><td>A</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>51</td><td>49</td></tr><tr><td>C</td><td>13</td><td>13</td></tr><tr><td>D</td><td>132</td><td>196</td></tr><tr><td>E</td><td>90</td><td>120</td></tr><tr><td>F</td><td>3,5</td><td>3</td></tr><tr><td>G</td><td>13</td><td>15,5</td></tr><tr><td>H</td><td>4,5</td><td>6</td></tr><tr><td>P</td><td>116</td><td>178</td></tr><tr><td>T*</td><td>20</td><td>20</td></tr></table> * standard connection ½"BSP or ½"NPT	DIM.	CASE DIAMETER		100	160	A	101.5	162	B	51	49	C	13	13	D	132	196	E	90	120	F	3,5	3	G	13	15,5	H	4,5	6	P	116	178	T*	20	20
DIM.	CASE DIAMETER																																				
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DIM.	CASE DIAMETER																																				
	100	160																																			
A	101.5	162																																			
B	94**	92**																																			
C	56	56																																			
E	90	88																																			
T*	20	20																																			

DIFFERENTIAL PRESSURE GAUGE TYPE PMD

TYPE	DRAWING	DIMENSIONS mm																																																											
K PMDxxxXK (-low)		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>108</td><td>108</td><td>112</td><td>100</td><td>+63</td></tr><tr><td>C</td><td>10.5</td><td>10.5</td><td>10.5</td><td>10.5</td><td></td></tr><tr><td>E</td><td>90</td><td>90</td><td>119</td><td>119</td><td></td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	108	108	112	100	+63	C	10.5	10.5	10.5	10.5		E	90	90	119	119		T*	20	20	20	20																			
DIM.	CASE DIAMETER																																																												
	100 low	100	160 low	160	+ CONTACT																																																								
A	101.5	101.5	162	162																																																									
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E	90	90	119	119																																																									
T*	20	20	20	20																																																									
L PMDxxxXL (-low)		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>110</td><td>110</td><td>121</td><td>103</td><td>+63</td></tr><tr><td>C</td><td>13.5</td><td>13.5</td><td>19.5</td><td>13.5</td><td></td></tr><tr><td>D</td><td>132</td><td>132</td><td>196</td><td>196</td><td></td></tr><tr><td>E</td><td>90</td><td>90</td><td>119</td><td>119</td><td></td></tr><tr><td>P</td><td>116</td><td>116</td><td>178</td><td>178</td><td></td></tr><tr><td>H</td><td>4.8</td><td>4.8</td><td>5.8</td><td>5.8</td><td></td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	110	110	121	103	+63	C	13.5	13.5	19.5	13.5		D	132	132	196	196		E	90	90	119	119		P	116	116	178	178		H	4.8	4.8	5.8	5.8		T*	20	20	20	20	
DIM.	CASE DIAMETER																																																												
	100 low	100	160 low	160	+ CONTACT																																																								
A	101.5	101.5	162	162																																																									
B	110	110	121	103	+63																																																								
C	13.5	13.5	19.5	13.5																																																									
D	132	132	196	196																																																									
E	90	90	119	119																																																									
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H	4.8	4.8	5.8	5.8																																																									
T*	20	20	20	20																																																									
M PMDxxxXM (-low)		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>108</td><td>108</td><td>112</td><td>100</td><td>+63</td></tr><tr><td>E</td><td>148</td><td>148</td><td>152</td><td>140</td><td>+63</td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	108	108	112	100	+63	E	148	148	152	140	+63	T*	20	20	20	20																									
DIM.	CASE DIAMETER																																																												
	100 low	100	160 low	160	+ CONTACT																																																								
A	101.5	101.5	162	162																																																									
B	108	108	112	100	+63																																																								
E	148	148	152	140	+63																																																								
T*	20	20	20	20																																																									

DIFFERENTIAL PRESSURE GAUGE TYPE PMD

TYPE	DRAWING	DIMENSIONS mm																																																																							
N PMDxxxXN (-low)		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>108</td><td>108</td><td>112</td><td>100</td><td>+63</td></tr><tr><td>D</td><td>132</td><td>132</td><td>196</td><td>196</td><td></td></tr><tr><td>E</td><td>148</td><td>148</td><td>152</td><td>140</td><td>+63</td></tr><tr><td>F</td><td>3.5</td><td>3.5</td><td>3</td><td>3</td><td></td></tr><tr><td>G</td><td>13</td><td>13</td><td>15.5</td><td>15.5</td><td></td></tr><tr><td>H</td><td>4.5</td><td>4.5</td><td>6</td><td>6</td><td></td></tr><tr><td>P</td><td>116</td><td>116</td><td>178</td><td>178</td><td></td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	108	108	112	100	+63	D	132	132	196	196		E	148	148	152	140	+63	F	3.5	3.5	3	3		G	13	13	15.5	15.5		H	4.5	4.5	6	6		P	116	116	178	178		T*	20	20	20	20							
DIM.	CASE DIAMETER																																																																								
	100 low	100	160 low	160	+ CONTACT																																																																				
A	101.5	101.5	162	162																																																																					
B	108	108	112	100	+63																																																																				
D	132	132	196	196																																																																					
E	148	148	152	140	+63																																																																				
F	3.5	3.5	3	3																																																																					
G	13	13	15.5	15.5																																																																					
H	4.5	4.5	6	6																																																																					
P	116	116	178	178																																																																					
T*	20	20	20	20																																																																					
O PMDxxxXO (-low)		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>108</td><td>108</td><td>112</td><td>100</td><td>+63</td></tr><tr><td>C</td><td>10.5</td><td>10.5</td><td>10.5</td><td>10.5</td><td></td></tr><tr><td>D</td><td>132</td><td>132</td><td>196</td><td>196</td><td></td></tr><tr><td>E</td><td>90</td><td>90</td><td>119</td><td>119</td><td></td></tr><tr><td>F</td><td>3.5</td><td>3.5</td><td>3</td><td>3</td><td></td></tr><tr><td>G</td><td>13</td><td>13</td><td>15.5</td><td>15.5</td><td></td></tr><tr><td>H</td><td>4.5</td><td>4.5</td><td>6</td><td>6</td><td></td></tr><tr><td>P</td><td>116</td><td>116</td><td>178</td><td>178</td><td></td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	108	108	112	100	+63	C	10.5	10.5	10.5	10.5		D	132	132	196	196		E	90	90	119	119		F	3.5	3.5	3	3		G	13	13	15.5	15.5		H	4.5	4.5	6	6		P	116	116	178	178		T*	20	20	20	20	
DIM.	CASE DIAMETER																																																																								
	100 low	100	160 low	160	+ CONTACT																																																																				
A	101.5	101.5	162	162																																																																					
B	108	108	112	100	+63																																																																				
C	10.5	10.5	10.5	10.5																																																																					
D	132	132	196	196																																																																					
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F	3.5	3.5	3	3																																																																					
G	13	13	15.5	15.5																																																																					
H	4.5	4.5	6	6																																																																					
P	116	116	178	178																																																																					
T*	20	20	20	20																																																																					
Y PMDxxxXY (-low) pipe size: 44 - 70 mm		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>100 low</th><th>100</th><th>160 low</th><th>160</th><th>+ CONTACT</th></tr><tr><td>A</td><td>101.5</td><td>101.5</td><td>162</td><td>162</td><td></td></tr><tr><td>B</td><td>150**</td><td>150**</td><td>154**</td><td>143**</td><td>+63**</td></tr><tr><td>C</td><td>48**</td><td>48**</td><td>48**</td><td>48**</td><td></td></tr><tr><td>E</td><td>90</td><td>90</td><td>119</td><td>119</td><td></td></tr><tr><td>T*</td><td>20</td><td>20</td><td>20</td><td>20</td><td></td></tr></table> * standard connection 1/2"BSP or 1/2"NPT ** dimensions for 2" pipe size	DIM.	CASE DIAMETER					100 low	100	160 low	160	+ CONTACT	A	101.5	101.5	162	162		B	150**	150**	154**	143**	+63**	C	48**	48**	48**	48**		E	90	90	119	119		T*	20	20	20	20																															
DIM.	CASE DIAMETER																																																																								
	100 low	100	160 low	160	+ CONTACT																																																																				
A	101.5	101.5	162	162																																																																					
B	150**	150**	154**	143**	+63**																																																																				
C	48**	48**	48**	48**																																																																					
E	90	90	119	119																																																																					
T*	20	20	20	20																																																																					

bracket for horizontal or vertical pipe mounting

DIFFERENTIAL PRESSURE GAUGE TYPE POD

TYPE	DRAWING	DIMENSIONS mm																																		
K PODxxxXKlow PODxxxXK		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 mm + contact</th><th>160 mm + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>150</td><td>150</td><td>202</td><td>205</td></tr><tr><td>C</td><td>49,5</td><td>49,5</td><td>49,5</td><td>49,5</td></tr><tr><td>E</td><td>49,5</td><td>49,5</td><td>49,5</td><td>49,5</td></tr><tr><td>T*</td><td>15</td><td>15</td><td>15</td><td>15</td></tr></table> * standard connection 1/4"NPT female	DIM.	CASE DIAMETER				100	160	100 mm + contact	160 mm + contact	A	101.5	162	101.5	162	B	150	150	202	205	C	49,5	49,5	49,5	49,5	E	49,5	49,5	49,5	49,5	T*	15	15	15	15
DIM.	CASE DIAMETER																																			
	100	160	100 mm + contact	160 mm + contact																																
A	101.5	162	101.5	162																																
B	150	150	202	205																																
C	49,5	49,5	49,5	49,5																																
E	49,5	49,5	49,5	49,5																																
T*	15	15	15	15																																
L PODxxxXLlow PODxxxXL		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 mm + contact</th><th>160 mm + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>150</td><td>150</td><td>202</td><td>205</td></tr><tr><td>C</td><td>54,5</td><td>54,5</td><td>54,5</td><td>54,5</td></tr><tr><td>E</td><td>49,5</td><td>49,5</td><td>49,5</td><td>49,5</td></tr><tr><td>T*</td><td>15</td><td>15</td><td>15</td><td>15</td></tr></table> * standard connection 1/4"NPT female	DIM.	CASE DIAMETER				100	160	100 mm + contact	160 mm + contact	A	101.5	162	101.5	162	B	150	150	202	205	C	54,5	54,5	54,5	54,5	E	49,5	49,5	49,5	49,5	T*	15	15	15	15
DIM.	CASE DIAMETER																																			
	100	160	100 mm + contact	160 mm + contact																																
A	101.5	162	101.5	162																																
B	150	150	202	205																																
C	54,5	54,5	54,5	54,5																																
E	49,5	49,5	49,5	49,5																																
T*	15	15	15	15																																
Y PODxxxXYlow PODxxxXY pipe size: Ø44 - Ø70 mm		<table><tr><th rowspan="2">DIM.</th><th colspan="4">CASE DIAMETER</th></tr><tr><th>100</th><th>160</th><th>100 mm + contact</th><th>160 mm + contact</th></tr><tr><td>A</td><td>101.5</td><td>162</td><td>101.5</td><td>162</td></tr><tr><td>B</td><td>189**</td><td>189**</td><td>241**</td><td>244**</td></tr><tr><td>C</td><td>88,5**</td><td>88,5**</td><td>88,5**</td><td>88,5**</td></tr><tr><td>E</td><td>64,5</td><td>64,5</td><td>64,5</td><td>64,5</td></tr><tr><td>T*</td><td>15</td><td>15</td><td>15</td><td>15</td></tr></table> * standard connection 1/4"NPT female ** dimensions for 2" pipe size	DIM.	CASE DIAMETER				100	160	100 mm + contact	160 mm + contact	A	101.5	162	101.5	162	B	189**	189**	241**	244**	C	88,5**	88,5**	88,5**	88,5**	E	64,5	64,5	64,5	64,5	T*	15	15	15	15
DIM.	CASE DIAMETER																																			
	100	160	100 mm + contact	160 mm + contact																																
A	101.5	162	101.5	162																																
B	189**	189**	241**	244**																																
C	88,5**	88,5**	88,5**	88,5**																																
E	64,5	64,5	64,5	64,5																																
T*	15	15	15	15																																