Differential pressure gauge

Cryo Gauge, copper alloy or stainless steel



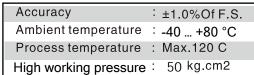
SPECIAL FEATURES

- CASE & MEASURING SYSTEMIN SS
- STATIC PRESSURE UPTO 50 kg/cm2
- SINGLE SIDE STATIC PRESSURE SUSTAINABLE
- DRY ORLIQUID FILLED
- ACCURACY UPTO 1.0% F.S.
- STANDARD FOLLOWED IN GENERAL EN 837-1

APPLICATIONS

CHEMICALS/REFINERY/NUCLEAR/AEROSPACE/FERTILIZER
/PETROCHEMICALS/PHARMACEUTICAL/POWER/CEMENT/
SUGAR/FOOD & BEVERAGES/PULP/PAPER & ALLIED
PROCESS INDUSTRIES.





Case : AIS I304 SS,316 SS

Ring : AIS I304 SS

Separating diaphragm : NBR

Nuts & Bolts : AISI 304 SS ,316 SS , CU

Purging Port Plug : 2*1/4"NPT(F)AISI 304 S

Chamber : AISI 316 Stainless Steel

Movement : AISI 316 Stainless Steel With Internal Limits

stops for Min. & Max. Pressure

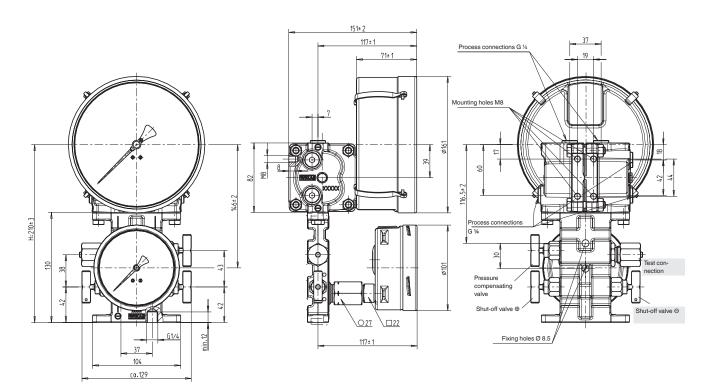
Protection : IP65 Aluminium, balckgraduation on white background Dial Aluminium, black coloured, micrometer Poineter Zero Adjustable Window Shatter proof/Sheet Glass Case Gasket t Neoprene Case Gasket Neoprene Silicon Oil (Others as Optional) Element Chamber Filling Diaphragm Sealing Gasket: Scale Amplitude 1800 to 2700 (Depends on Range) Temperature Error:-Whe temperature of the pressure element deviates from+20 C, Rising temperature:+0.6%/10 C of true scale value Falling temperature: -0.6%10 C or true scale value



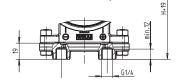




Dimensions in mm



Drawing with optional mounted adapter (centre distance 54 mm)



Option

Adapter for process connection



The adapters can be flange-mounted either directly to the differential pressure gauge or to the valve manifold.

Specifications	
Material	Copper alloy CW614N (CuZn39Pb3) for model 712.15Stainless steel 316L for model 732.15
Process connections (wetted)	2 x G $\frac{1}{4}$, female, centre distance 31 mm or 54 mm or 2 x $\frac{1}{4}$ NPT, female, centre distance 31 mm or 54 mm

All parts necessary for installation are included in the scope of delivery:

- 2 x hexagon screws M8 x 16
- 2 x hexagon screws M8 x 28
- 2 x nut M8
- 2 x O-ring sealing







RANGE TABLE

Measuring cell 140 mbar: Setting range 0 ... 40 mbar to 0 ... 140 mbar Measuring cell 280 mbar: Setting range 0 ... 80 mbar to 0 ... 280 mbar Measuring cell 560 mbar: Setting range 0 ... 160 mbar to 0 ... 560 mbar Measuring cell 1,130 mbar: Setting range 0 ... 320 mbar to 0 ... 1,130 mbar Measuring cell 2,300 mbar: Setting range 0 ... 650 mbar to 0 ... 2,300 mbar Measuring cell 4,000 mbar: Setting range 0 ... 1,150 mbar to 0 ... 4,000 mbar

Note:Oteher Scale are available on customer request.

ACCESSORIES†

DIAPHRAGM SEALE(WITH/WITHOUT CAPILLARY) * NEEDLE VALVE.

† Refer Datasheet for complete specifications * Refer catalogue for Valves & Manifolds

HOW TO ORDER

BASIC MODEL			ВВО
CODE	D	F	
NOMINAL SIZE(mm)	100	150	F
TYPE OF MOUNTING			A4
A4 SURFACE, MOUNTING WITH BOTTOM EN A1 DIRECT BOTTOM ENTRY	ITRY		A4
A6 FLUSH PANEL BACK ENTRY WITH FRONT			
A7 2" PIPE/YOKEMOUNTING BOTTOM ENTI	ЗY		
GAUGE CONNECTION			В23
	5 2 x G ¼, female, centre dis		B23
()	6 2 x ¼ NPT, female, centre		
Note:Connections like PT/PF/F laired/U Non standard connections can be	provided through adar	vided on request. otors.	
RANGE			0-250
REFER TABLES			mmWC
OPTIONS			C12
FOR NON STANDARD PRODUCTS/OPTIONAL ITEM	IS,PLEASE CONTACT FACTOR		
C12 AISI 316 SS CASE & BEZELC1 FIVE POINT CALIBRATION CERTIFICATE		C16 SHATTERPROOF/SAFET	ΓY GLASS
C4 DAMPENING LIQUID GLYCERINE		C3 CUSTOM DESIGNED DIA	71
C5 DAMPENING LIQUID SILICON OIL (GASKI	ET & FILLING PLUG OF NBR/		VE.
C62 DIAPHRAGM CHAMBER IN AISI SS 316		C35 DIAL TAG MARKING	
C63 DIAPHRAGM CHAMBER IN MONEL (WITH	MONEL DIAPHRAGM)	C9 SS TAG PLATE	
C64 DIAPHRAGM IN MONEL C65 Valve manifold (wetted) with working pres	SULA	C46 ŢESTED TO NACE STAN	DARDS
C65 Valve manifold (wetted) with working pres indication Bourdon tube pressure gauge	Suic		
EIECTRIC CONTACTS:(WITH IP PROTECTION	ON UPTO IP 55,DAMPENII		ILABLE)
A)MAGNETIC SNAP ACTION TYPE (230V A)	C 1Amp.) B)INDUC	TIVE TYPE(220V AC 0.4Amp)	
AVAILABLE ONLY ABOVE 6000 mmWC	, U.SAMP.) AVAILA	ABLE ONLY ABOVE 400mm WC	

D10

D11

D12

D13

D14

D15

AVAILABLE ONLY ABOVE 6000 mmWC 0.5Amp.)

D1 Single; NORMALLY CLOSED

D2 Double; NORMALLY CLOSED+NORMALLY OPEN

D3 Single; NORMALLY OPEN

D4 Double; NORMALLY CLOSED+NORMALLY CLOSED

D5 Double; NORMALL Y CLOSED

D6 Double; NORMALLY OPEN

D7 BOOSTER FOR CURRENT UPTO 5Amp

D8 SPDT

D9 DPDT

Ordering Example:

BBO-D-F-A4-B23-0-250mmWc-C12

Note: ● Due to continuous improvement, th~specification may vary from time to time.







Double; NORMALLY CLOSED+NORMALLY OPEN

Double; NORMALLY CLOSED+NORMALLY CLOSED

Single; NORMALLY OPEN

Single; NORMALLY CLOSED

Double; NORMALLY OPEN

Double; NORMALL Y CLOSED