

HIRLEKAR PRECISION

EX 300DGC

ΔP Range: 0 to 0.075 upto 4 bar 0 to 1 upto 60 psi

COMBINATIONS

Gauge+switch (with a terminal strip inside)



Switch



Gauge+switch (Without Ex-proof enclosure)



Switch* (Without Ex-proof enclosure)



*Locally available explosion proof enclosures can be used

Specifications

Accuracy Migration

Range First marking on the scale

Sensing element Diaphragm

Wetted parts Case material & dial size

Mounting

Maximum working pressure Maximum process temperature

Body material Diaphragm Window

Connection Porting

Over range protection Protection for gauge & switch ±2% of the FSD (Ascending)

No migration. Zero leakage from high to low port

0-0.075 to 0-4 bar or equivalent range in other units

15% of the FSD

Diaphragm, body material, SS 302 spring & ceramic magnet

Stainless steel (SS 304): 2.5", 3.5", 4", 4.5", 6.0"

Engineering polymer: 2.5", 4.5", 6.0" As per the explosion proof box drawings

100 bar / 1500 psi 0 to 80°C (32 to 175°F) Aluminum, Brass, SS 316, Monel

Buna-N, Viton, EPDM

Float glass(Std.), toughened glass, acrylic & safety glass.

1/4" NPT(F) (Std.), 1/4" BSP(F) through adaptor

Bottom (right side), back

Up to the max. working pressure from high side

IP 65 / NEMA-4

Options

Liquid filling (glycerine/ silicone)

Red follower pointer Customer logo

Dual scale

Color band

Filter mesh in (+) connection

Descending calibration

Switches (Adjustable in 30-100% of FSD)

1 or 2 SPSTs with a terminal strip 1 or 2 SPDTs with a terminal strip

Available in engineering polymer (EP) Case









Removable glass Strong and durable Panel mounting possible

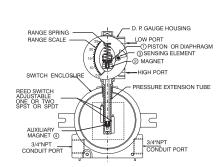
Condensation can be cleaned

Light weight

Enclosure Approvals

Ex-proof enclosure make	Certification	Electrical connection	Mounting
Akron	UL, CSA, FM, CENELEC, KEMA / ATEX approved.	2 X ¾" NPTF conduit	Two slots provided
Electric USA	Compliance to EN 50 014:1971+A1A5 and EN 50 018: 1977+A1A3.	ports on either side	suitable for M6 / 1/4"
	Ref: UL:E139669 / CSA:LR86146-5	as shown	UNC screw.
	KEMA: 03ATEX2460 U 0539 Ex II 2G EEx d II C		
FCG	Compliance to EN 50014: 1977 + A1:1999+A2:1999 and EN 50281-	3 X ¾" ET conduit	Two elliptical holes
India	1-1:1998 + A1:2002	ports as shown.	provided suitable for
	Ref: DNV-2006-OSL-ATEX-0075 / Ex II 2 GD EEx d IIC T6	Ċ	M6 / 1/4"UNC screw.

ASSEMBLY



MOUNTING BRACKETS

Horizontal pipe mounting



Vertical pipe mounting



Surface mounting

