

EXPLOSION PROOF DIFFERENTIAL PRESSURE

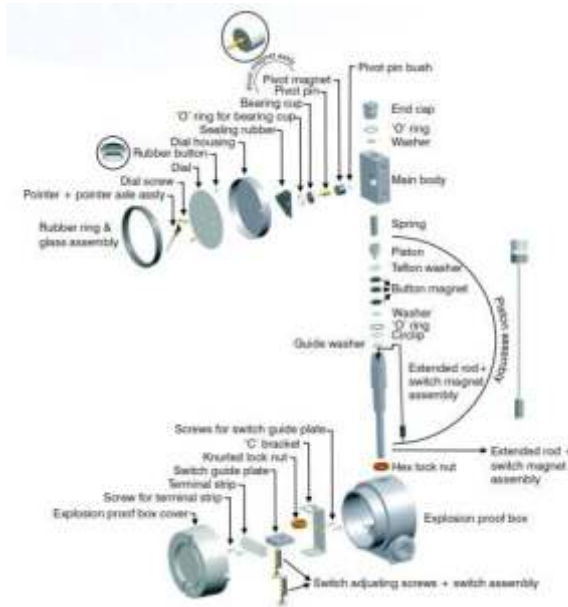
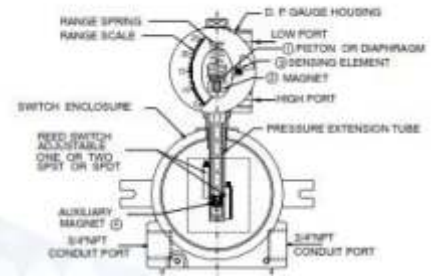
EX-200 DPG, EX-200 DGR, EX-300 DGC, EX-400 DGC

SPECIFICATIONS:

| | |
|-------------------------------|--|
| Accuracy | ±2% of the FSD (Ascending) |
| Migration | As per the model selected |
| Range | As per the model selected |
| First marking on the scale | 15 or 20% of the FSD, depending on the model selected |
| Sensing element | As per the model selected |
| Wetted parts | As per the model selected |
| Case material | Stainless steel (SS 304) |
| Dial size in inch /mm | 3.5", 4", 4.5", 6" / 80, 100, 115, 150 mm |
| Mounting | As per the explosion proof box drawings |
| Maximum working pressure | As per the model selected |
| Maximum process temperature | 80°C / 175°F |
| Body material | Aluminum, Brass & SS 316 |
| Seals | Buna-N, Viton, EPDM diaphragm & 'O' rings |
| Window | Float glass(Std.), toughened glass, acrylic & safety glass |
| Connection | As per the model selected |
| Porting | Bottom (right side) & back |
| Over range protection | As per the model selected |
| Protection for gauge & switch | IP 65 / NEMA-4 |
| Options | Switches(As per model selected) |
| Customer logo | 1 or 2 SPSTs with a terminal strip |
| Dual scale | 1 or 2 SPSTs with a terminal strip |
| Colour band | |



Range : 0 to 20 mbar upto 10 bar / 0 to 1 upto 150 psi



| COMBINATION | |
|--|---|
| | Gauge+ Switch (with a terminal strip inside) |
| | Switch |
| | Gauge+ Switch (without exproof enclosure) |
| | Switch (without exproof enclosure) |
| Locally available explosion proof enclosure can be used. | |
| MOUNTING BRACKETS | |
| | Gauge + Switch (2" pipe mounting) |

| Ex-proof enclosure make | Certification | Electrical connection | Mounting |
|---------------------------|---|---|--|
| Akron Electric USA | UL, CSA, FM, CENELEC, KEMA / ATEX approved. Compliance to EN 50 014:1971 +A1...A5 and EN 50 018: 1977+A1...A3. Ref: UL:E139669 / CSA:LR86146-5 KEMA: 03ATEX2460 U 0539 Ex II 2G EEx d II C | 2 X 3/4" NPTF conduit ports on either side as shown | Two slots provided suitable for M6 / 1/4" UNC screw. |
| FCG India | Compliance to EN 50014: 1977 + A1:1999 +A2:1999 and EN 50281-1-1:1998 + A1:2002 Ref: DNV-2006-OSL-ATEX-0075 / Ex II 2 GD EEx d IIC T6 | 3 X 3/4" ET conduit ports as shown. | Two elliptical holes provided suitable for M6 / 1/4"UNC screw. |

Continuous efforts for product development may necessitate changes in these details without notice

Authorised Dealer



NK Instruments Pvt. Ltd.

B-501/504, 5th floor, Raunak Arcade, Near THC Hospital, Gokhale Road, Naupada, Thane(W) 400602. Maharashtra INDIA
E-Mail: sales@nkstruments.com
Skype: nitinkelskype

Telefax Nos.: 91-22-25301330 / 31 / 32
Web: http://www.nkstruments.com
Gtalk: nkstruments2006

