

## Differential Pressure Gauges Type 1132 ±2% Ascending Accuracy

- **Small convoluted diaphragm actuator**
- **Stainless steel case**
- **Ranges from 1 psid-60 psid**
- **Static pressures up to 1500 psi**
- **Aluminum<sup>(3)</sup>, brass or stainless steel bodies<sup>(1)</sup>**
- **Buna-N seals (others available)**
- **Superior magnets for smoother power motion**
- **Standard or explosion-proof reed switches available**
- **5-year warranty**

The Type 1132 uses a convoluted-diaphragm design with no migration of the process media. It is recommended for lower differential and high static pressures, up to 1500 psi. Body materials are available in Aluminum, Brass and Stainless Steel, with Buna, Viton or EPDM seals.<sup>(2)</sup>

- (1) Not for use with incompatible media.  
 (2) Other wetted parts include stainless steel, Teflon and ceramic.  
 (3) Not to be used with water or corrosive applications.



SPECIFICATIONS	Type 1132
Accuracy (Ascending)	±2%
Migration	Zero
Range Limits	0-1 psid to 60 psid
Maximum Static Pressure	1500 psi (all)
Actuator	Convoluted Diaphragm
Case Material	Stainless Steel
Dial Size	2½" (25), 3½" (35), 4" (40), 4½" (45), 6" (60)
Maximum Process Temperature	175°F / 80°C
Body Materials	Aluminum (F), Brass (A), Stainless Steel (S)
Seals	Buna-N
Connection Size (Female)	½ NPT (RQ), ¼ NPT (25)
Connection Location	In-Line (S), Lower (L) Back (B)
Window	Glass
Warranty	Five Years

OPTIONS	
Switches <sup>(1)</sup>	Available
Front Flange (XFF)	Available
Viton Seals/O-Rings (XVD)	Available
EPDM Seals/O-Rings (XEM)	Available
Glycerin Fill (L)	Standard Fill Option
Silicone Fill (XGV)	Available
Plastic Window (XPD)	Available
Explosion Proof (XEK)	Available <sup>(2)</sup>

- (1) Applicable to Switches  
 (XV1) 1 SPST with DIN Plug (XV5) 1 SPDT with DIN Plug  
 (XV2) 1 SPST with Terminal Strip (XV6) 1 SPDT with Terminal Strip  
 (XV3) 2 SPST with DIN Plug (XV7) 2 SPDT with DIN Plug  
 (XV4) 2 SPST with Terminal Strip (XV8) 2 SPDT with Terminal Strip

- (2) Specify lower or back connection for gauge (not available in-line) and switch type XV1-XV8

### RATINGS FOR BOTH STANDARD & EXPLOSION PROOF SWITCHES:

#### SPST SWITCH

##### Specifications:

Contact Rating  
10 VA ac (rms) or dc (max)  
Switching Current  
0.5 Amp ac (rms) or dc (max)  
Switch Voltage  
150 Vac/Vdc (max)

#### SPDT SWITCH

##### Specifications:

Contact Rating  
5 VA ac (rms) or dc (max)  
Switching Current  
0.25 Amp ac (rms) or dc (max)  
Switch Voltage  
175 Vac/Vdc (max)

### EXPLOSION-PROOF SWITCH INFORMATION:

Switches and electrical connections are mounted in an explosion-proof enclosure with UL, CSA, Cenelec and FM approval. The enclosure meets Class 1, Groups B, C, D, Class 2 Groups E, F, G, Class 3, NEMA 7 & 9 and IP 66. Two ¾" electrical conduit connections.

### STANDARD RANGES – Type 1132

psi	0-1		0-5	0-8		0-15	0-20	0-25	0-30		0-40	0-50	0-60
in. H <sub>2</sub> O	0-25	0-100		0-200		0-400	0-500						
kPa		0-25		0-50	0-75	0-100		0-160	0-200	0-250	0-300		0-400
kg/cm <sup>2</sup> -bar	0-0.075	0-0.25		0-0.5	0-0.75	0-1		0-1.6	0-2	0-2.5	0-3		0-4
mbar	0-75	0-250											

### TO ORDER THIS 1132 DIFFERENTIAL PRESSURE GAUGES:

#### Select:

1. Dial size— 2½", 3½", 4", 4½", 6" \_\_\_\_\_ **25** **1132** **FD** **25S** **XXX** **30 psid**
2. Case type—1132 \_\_\_\_\_
3. Body material \_\_\_\_\_
4. Connection size—½ NPTF (RQ), ¼ NPTF (25) \_\_\_\_\_
5. Connection location—In-line (S), Lower (L), Back (B) \_\_\_\_\_
6. Optional features—see above \_\_\_\_\_
7. Standard pressure range \_\_\_\_\_

Consult factory for guidance in product selection  
 Phone (203) 385-0217, Fax (203) 385-0602 or  
 visit our web site at [www.ashcroft.com](http://www.ashcroft.com)