

1132 Differential Pressure Gauge

Features

- Static pressure capability (1,500 psi)
- Ranges from 1 psi to 60 psi
- Superior magnets for smoother pointer motion
- Buna-N Diaphragm & O-rings (others available)
- Small convoluted diaphragm actuator

Typical Uses

- Filtration monitoring
- Flow measurement
- Tank level measurement
- Leak detection



1132

2½", 3½", 4", 4½", 6" dial sizes

Specifications

Accuracy: ±2% ascending pressure full scale differential

Sizes: 2½", 3½", 4", 4½", 6"

Ranges: 0-60 psi

Process Connection Location: Lower, back, in-line

Process Connection Sizes: ¼ NPT Female

Migration: Zero

Maximum Process Temperature: 175 °F (80 °C)

Minimum Ambient Temperature: Buna-N Diaphragm -4 °F (-20 °C)
EPDM Diaphragm -40 °F (-40 °C)
Viton® Diaphragm 32 °F (0 °C)

Maximum Static Pressure: 1,500 psi

Weather Protection: IP65

Wetted Components

Actuator	O-Rings/Diaphragm	Body Material
Convoluted diaphragm	Buna-N	Aluminum, brass or Stainless steel

Non-Wetted Components

Case material	Window
Stainless steel	Glass (STD.), Safety glass or plastic (OPT.)

Key Benefits

- No migration of the process media
- Standard switches available
- Stainless steel case
- 5 year warranty

Ratings For Standard Reed Switches

Switches	Contact Rating	Current	Voltage
SPST	10 VA ac (rms) or dc (Max.)	0.5 Amp ac (rms) or dc (Max.)	100 Vac/Vdc (Max.)
SPDT	3 VA ac (rms) or dc (Max.)	0.3 AMP ac (rms) or dc (Max.)	30 Vac/Vdc (Max.)

Contact Us

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ashcroft.com

All specifications are subject to change without notice. All sales subject to standard terms and conditions.

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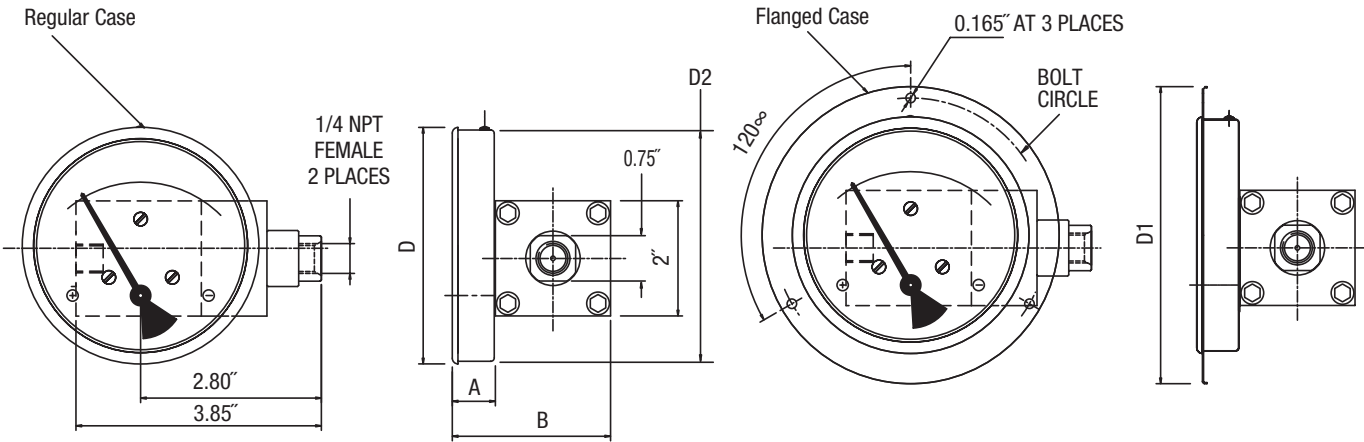
Ordering Code	Example:	20	1132	A	D	25	S	XV1	5#
Size									
20 - 2"		20							
25 - 2½"									
35 - 3½"									
40 - 4"									
45 - 4½"									
60 - 6"									
Series			1132						
1132 - Piston Actuated									
Body Material									
A - Brass				A					
F - Aluminum									
S - Stainless steel									
Case Fill									
D - Dry					D				
L - Glycerin fill (Liquid fill has an effect on accuracy that varies with range and temperature.)									
Process Connection Size									
25 - ¼ NPT Female						25			
Process Connection Location									
S - In-Line							S		
L - Lower									
B - Back									
Options (If choosing an option(s) must include an "X")								X__	
Dampening									
GV - Silicone case fill (Add to list price of glycerin filled gauge)									
Windows/Pointers									
EO - Outside adjustable set pointer (N/A with 2" case)									
EP - Maximum pointer (N/A with: liquid filled case, safety glass or 2" case)									
PD - Acrylic window									
SG - Safety glass (N/A with 2" or 2½" case)									
Mounting									
BF - Surface mounting plate									
FF - Front flange									
TM - 2" Pipe mounting bracket (In-Line connection only)									
Connections/Porting									
GE - ⅜ NPT adaptors									
GM - ½ NPT adaptors									
O-Ring Alternatives									
EM - EPDM O-ring									
VD - Viton® O-ring									
Switching									
EW - ½ NPT Conduit adaptor for DIN Plug									
FS - Factory set switch									
V1 - 1-SPST switch w/DIN plug (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)								V1	
V2 - 1-SPST switch w/terminal strip (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V3 - 2-SPST switch w/DIN plug (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V4 - 2-SPST switch w/terminal strip (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V5 - 1-SPDT switch w/DIN plug (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V6 - 1-SPDT switch w/terminal strip (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V7 - 2-SPDT switch w/DIN plug (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
V8 - 2-SPDT switch w/terminal strip (N/A with back connection) (Adj. 20-100% of range, preset @ 90%)									
Marking/Tagging									
CS - Dual scale (first unit appears on top, 2nd below)									
DD - Color band (any combination of green, yellow, red)									
NH - Stainless steel tag									
Testing/Certificates									
C4 - Traceable calibration certificate									
HY - Hydrostatic testing									
Range (coding examples only, see range table on page 3 for all standard ranges.) More ranges available upon request									
5# - 5 psi									5#

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1132- Single Scale					
psid	in. H ₂ O	kg/cm ²	bar	mBar	kPa
1#	25IW	0.075KG	0.075BR	75MB	-
-	100IW	0.25KG	0.25BR	250MB	25KP
5#	-	-	-	-	-
8#	200IW	0.5KG	0.5BR	-	50KP
-	-	0.75KG	0.75BR	-	75KP
15#	400IW	1KG	1BR	-	100KP
20#	500IW			-	
25#	-	1.6KG	1.6BR	-	160KP
30#	-	2KG	2BR	-	200KP
-	-	2.5KG	2.5BR	-	250KP
40#	-	3KG	3BR	-	300KP
50#	-	-	-	-	
60#	-	4KG	4BR	-	400KP

DIMENSIONS

For reference only, consult Ashcroft for specific dimensional drawings.



Dial Size (Inches)	A	B	D	D ₁	D ₂	Bolt Circle
2.5"	0.75"	2.74"	2.59"	3.66"	2.55"	3.26"
3.5"	0.75"	2.74"	3.26"	4.29"	3.22"	3.86"
4"	0.75"	2.74"	4.10"	5.15"	4.01"	4.76"
4.5"	0.75"	2.74"	4.71"	5.74"	4.60"	5.35"
6"	0.75"	2.74"	6.07"	7.12"	6.00"	6.73"