

1134 Differential Pressure Gauge

Features

- Ranges from 0.6 IWD to 60 IWD
- Low cost reed switches (OPT.) for direct system control
- Standard with in-line and back process ports
- Buna-N Seals (others available)
- Convolute diaphragm actuator

Typical Uses

- Filtration monitoring
- Flow measurement
- Clean room positive pressure (low differential pressure)
- Leak detection



1134
4 1/2" dial size

Specifications

Accuracy:	±3% ascending pressure full scale differential
Sizes:	4 1/2"
Ranges:	0.6 IWD to 60 IWD
Maximum Static Pressure:	35 psi
Process Connection:	1/8" NPT Female
Process Connection Location:	Dual, back/in-line
Window Material:	Glass
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)
Mounting Hardware:	Flush mounting (STD.), surface plate (OPT.) or pipe mounting bracket (OPT.)
Weather Protection:	IP65

WETTED COMPONENTS

Actuator	O-Rings/Diaphragm	Body Material
Convolute diaphragm	Buna-N (STD.) EPDM (OPT.)	Glass filled nylon

Ceramic magnet & Stainless steel spring are also wetted components

Key Benefits

- No migration of the process media
- Superior magnets for smoother motion
- Low Cost
- Stainless steel case
- 5 year warranty

NON-WETTED COMPONENTS

Case Material	Window
Stainless steel	Glass (STD.) Plastic or Safety Glass (OPT.)

RATINGS FOR 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

1.800.328.8258

ashcroft.com

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1134 Differential Pressure Gauge

Ordering Code	Example:	45	1134	E	D	RQ	M	XBF	10IW
Dial Size									
45 - 4½"		45							
Model									
1134 - Large convoluted diaphragm			1134						
Body Material									
E - Glass filled nylon				E					
Case Fill									
D - Dry					D				
Process Connection Size									
RQ - ½ NPT Female						RQ			
Process Connection Location									
M - Dual In-Line or back							M		
Options (If choosing an option(s) must include a "X")								X	
Model									
PD - Acrylic window									
SG - Safety glass									
Mounting									
BF - Surface mounting plate								BF	
TM - 2" Pipe mounting bracket									
O-Ring and Diaphragm Alternatives									
EM - EPDM O-ring and diaphragm (only up to 10IW)									
VD - Viton® O-ring and diaphragm									
Switching									
V1 - 1-SPST switch w/DIN plug (Adj. 40-80% of range)									
V3 - 2-SPST switch w/DIN plug (Adj. 40-80% of range)									
V5 - 1-SPDT switch w/DIN plug (Adj. 40-80% of range)									
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									
Range (coding examples only, see range table below for all standard ranges) More ranges available on request.									
10IW - 10-in. H ₂ O 10IW									10IW

Single Scale (inH₂O)

0.6IW	4IW	10IW	30IW
1IW	5IW	15IW	40IW
2IW	6IW	20IW	50IW
3IW	8IW	25IW	60IW

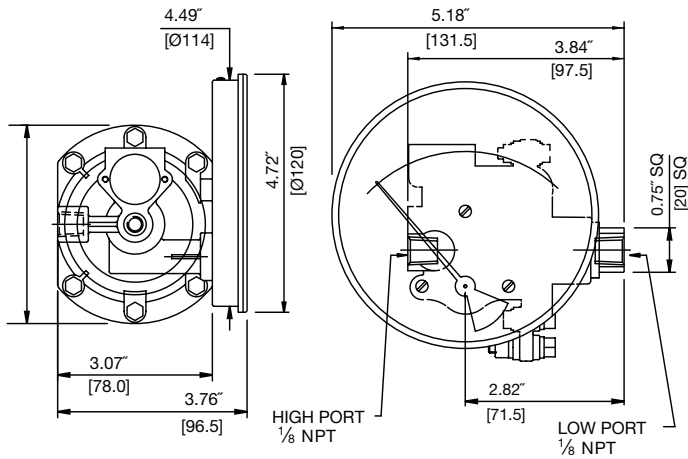
Standard Accessories

Two nylon ⅜" hose barb tube adapters, Flush mounting kit and Two plugs for sealing connections not in use

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Dimensions in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings



This instrument with its off-center profile can still be easily inserted in a 115mm panel cutout.

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