

1134 Differential Pressure Gauge

FEATURES

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

TYPICAL USES

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



SPECIFICATIONS					
Accuracy:	±3% ascending pressure full scale differential				
Sizes:	4½"				
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	0-Rings/Diaphragm	Body Material			

Buna-N (STD.)

EPDM (OPT.) Ceramic magnet & stainless steel spring are also wetted components

2 3	
Δ P inches of water	
9	
ASHCROFT* will Asheroff.com	
1134 4½" dial size	

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 (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.)		

Convoluted

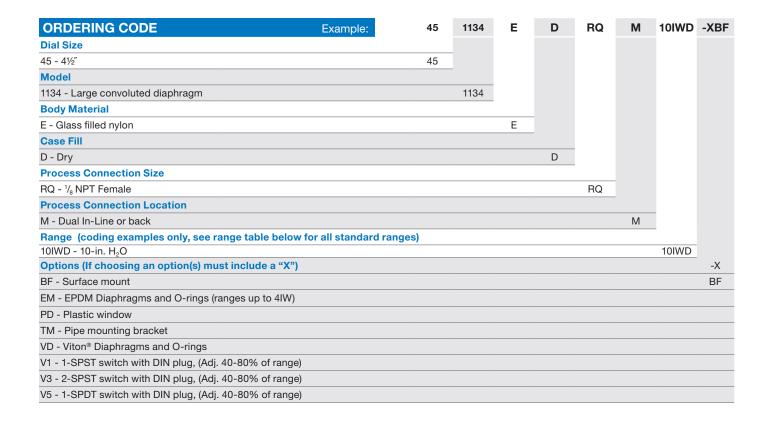
diaphragm

Glass filled nylon

Data Sheet



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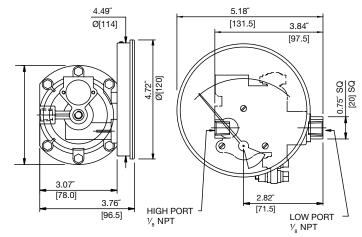
Single Scale (inH ₂ O)					
0.6IW	4IW	10IW	30IW		
1IW	5IW	15IW	40IW		
2IW	6IW	20IW	50IW		
3IW	8IW	25IW	60IW		

STANDARD ACCESSORIES

Two nylon 9_{16} hose barb tube adapters, Flush mounting kit and Two plugs for sealing connections not in use

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 115 mm panel cutout.