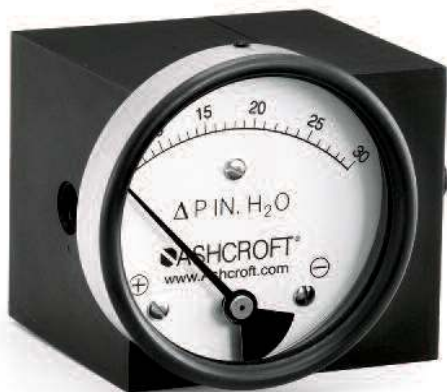


Type 1133 – 3½", 4", 4½" & 6" Differential Gauge



- *Large convoluted diaphragm actuator*
- *Stainless steel case*
- *Ranges from 1 IWD-25 IWD*
- *Static pressures up to 500 psi*
- *Aluminum⁽²⁾ and stainless steel bodies⁽³⁾*
- *Buna-N Diaphragm & O-rings (others available)*
- *Superior magnets for smoother power motion*
- *Standard switches available*
- *5-year warranty*

The Type 1133 uses a convoluted-diaphragm to sense low inches of water differentials while ensuring no migration of the process media. Maximum static pressures for ranges of 5 IWD and below is 45 psi and 500 psi for all other ranges.

NOTES:

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

PRODUCT SPECIFICATIONS

Model Number:	1133
Accuracy (Ascending):	±2%
Migration:	Zero
Ranges:	0-1 IWD to 25 IWD
Maximum Static Pressure:	500 psi (all)
Process Temp.:	175°F/80°C
Actuator:	Convoluted diaphragm
Case Material:	Stainless steel
Dial Size:	3½" (35), 4" (40), 4½" (45), 6" (60)
Maximum Process Temp.:	175°F/80°C
Body Materials:	Aluminum (F), stainless steel (S)
O-Rings/Diaphragm:	Buna-N
Connection Size (Female):	¼ NPT (25)
Connection Location:	In-Line (S), Lower (L), Back (B)
Window:	Glass

PRODUCT OPTIONS

Switches⁽¹⁾:	Available
¼ NPT adaptor:	XGE Available
Front Flange:	XFF Available
Viton Diaphragm & O-Rings:	XVD Available
EPDM Diaphragm & O-Rings:	XEM Available
Fill:	
Glycerin	L N/A
Silicone	XGV N/A
Window:	
Plastic	XPD Available
Explosion Proof⁽²⁾:	XEK N/A
Pipe Mounting Bracket:	XTM In-line (only)

(1) Applicable to switches:
XV1 – 1 SPST with DIN plug
XV3 – 2 SPST with DIN plug
XV5 – 1 SPDT with DIN plug
XV7 – 2 SPDT with DIN plug
Adjustable from 30-100% of range
Preset 90% ascending
Switches are not available with back connection.

(2) Specify lower or back connection for gauge (not available in-line).

HOW TO ORDER:

35
1133
FD
25S
XXX
10 IWD

Dial Size: 3½", 4", 4½" & 6"

Case Type Number: 1133

Body Material

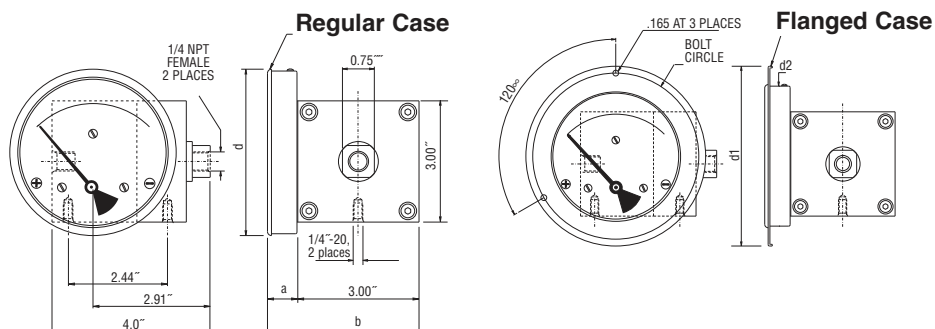
Connection Size: ¼ NPT (25)

Connection Location: In-line (S), Lower (L), Back (B)

Optional Features:

Standard Pressure Range

Type 1133 – 3½", 4", 4½" & 6" Differential Gauge



Type 1133 Dimension Drawing

Dial Size	a	b	d	d'	d ²	Bolt Circle
3.5"	0.75"	3.75"	3.25"	4.29"	3.22"	3.90"
4"	0.75"	3.75"	4.10"	5.15"	4.01"	4.75"
4.5"	0.75"	3.75"	4.75"	5.74"	4.60"	5.40"
6"	0.75"	3.75"	6.07"	7.12"	6.00"	6.75"

Type 1133 – Standard Ranges

in. H ₂ O mmH ₂ O	0-1 0-25	0-2 0-50	0-5 0-125	0-10 0-250	0-25 0-600
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Ratings for Standard 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
100 Vac/Vdc (max)

SPDT SWITCH

Specifications:

Contact Rating
3 VA ac (rms) or dc (max)
Switching Current
0.3 Amp ac (rms) or dc (max)
Switch Voltage
30 Vac/Vdc (max)