

- **Large convoluted diaphragm actuator**
- **Stainless steel case**
- **Ranges from 2 IWD-200 IWD**
- **Static pressures up to 500 psi**
- **Aluminum body⁽¹⁾ (3)**
- **Buna-N seals (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. Body materials are only available in Aluminum, with Buna, Viton or EPDM seals.⁽²⁾

- (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 1133
Accuracy (Ascending)	2%
Migration	Zero
Range Limits	0-2 IWD to 200 IWD
Maximum Static Pressure	45 psi below 5 IWD 500 psi (all other ranges)
Actuator	Convoluted Diaphragm
Case Material	Stainless Steel
Dial Size	3½" (35), 4" (40), 4½" (45), 6" (60)
Maximum Process Temperature	175°F / 80°C
Body Materials	Aluminum (F) (Only)
Diaphragm	Buna-N
Connection Size (Female)	¼ NPT (RQ) (Only)
Connection Location	In-Line (S) (Only)
Window	Glass
Warranty	Five Years
OPTIONS	
Switches ⁽¹⁾	Available
Front Flange (XFF)	Available
Viton/Diaphragm (XVD)	Available
EPDM/Diaphragm (XEM)	Available
Glycerin Fill (L)	N/A
Silicone Fill (XGV)	N/A
Plastic Window (XPD)	Available
Explosion Proof (XEK)	N/A

(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 |

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
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)

STANDARD RANGES – Type 1133

In. H ₂ O	0-2	0-5	0-10	0-25	
mmH ₂ O	0-50	0-125	0-250	0-600	0-1000

TO ORDER THIS 1133 DIFFERENTIAL PRESSURE GAUGES:

Select: _____ **35** **1133** **FD** **RQS** **XXX** **10IWD**

1. Dial size—3½," 4," 4½," 6" _____

2. Case type—1133 _____

3. Body material _____

4. Connection size—¼ NPTF (RQ) _____

5. Connection location—In-line _____

6. Optional features—see above _____

7. Standard pressure range _____