

## 1133 Differential Pressure Gauge

#### **FEATURES**

- High static pressure capability (500 psi)
- Ranges from 1 IWD to 25 IWD
- Reed switches (OPT.) for direct system control
- Superior magnets for smoother pointer motion
- Buna-N Diaphragm & O-Rings (others available)
- Large convoluted diaphragm actuator

#### **TYPICAL USES**

- Filtration Monitoring
- Flow Measurement
- Liquid Level Indication
- Leak Detection

Temperature:

Maximum Static Pressure:



**1133** 3½", 4", 4½", 6" dial sizes

#### **SPECIFICATIONS** ±2% ascending pressure full scale differential Accuracy: Sizes: 31/2", 4", 41/2", 6" Ranges: 0-1 IWD to 25 IWD **Process Connection** Lower, back, in-line Location: 1/4 NPT Female (STD.), 1/8 or 1/2 NPT Female **Process Connection** Sizes: Adapters (OPT.) Migration: Zero 175° F (80° C) **Maximum Process**

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

Ceramic magnet & SS spring are also wetted components

500 psi

NON-WETTED COMPONENTS			
Case Material	Window		
SS	Glass (STD.), safety glass or plastic (OPT.)		

### **KEY BENEFITS**

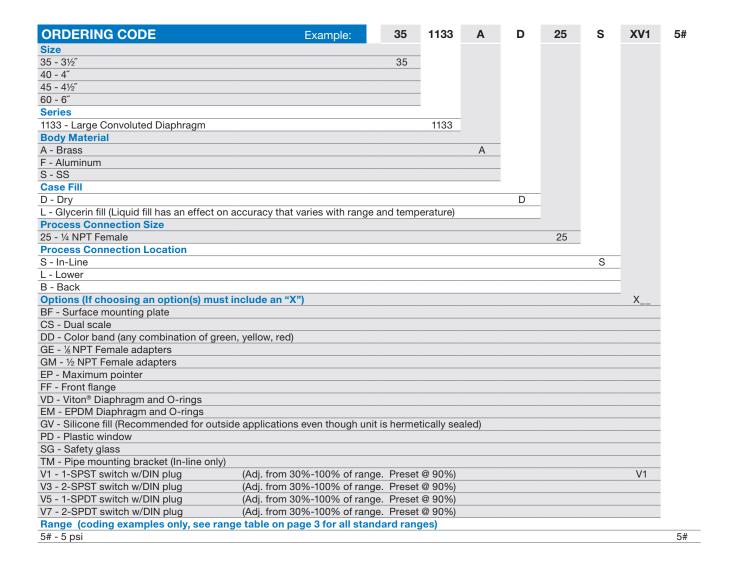
- No migration of the process media
- Switch outputs available
- 5 year warranty

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.)			

## **Data Sheet**



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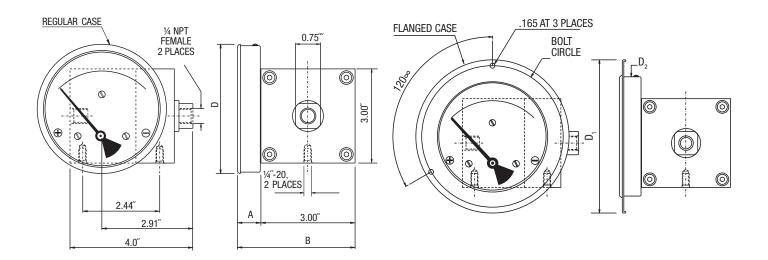


# 1133 Differential Pressure Gauge

1133 - Single Scale			
in. H <sub>2</sub> O	mmH <sub>2</sub> 0		
1IW	25MW		
2IW	50MW		
5IW	125MW		
10IW	250MW		
25IW	600MW		

## **DIMENSIONS**

For reference only, consult Ashcroft for specific dimensional drawings.



Dial Size (Inches)	A	В	D	D <sub>1</sub>	$D_{\!\scriptscriptstyle 2}$	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″