

- **±2.5% full scale accuracy**
- **Stainless steel case**
- **316 stainless steel wetted parts**
- **Inches of water differential ranges with 145 psi static pressure**
- **External zero adjust**
- **Available with open or solid front case styles**
- **Optional liquid-filled case**
- **4" (100mm) or 6" (160mm) dial sizes**

The Ashcroft® Type 5509 differential pressure gauge comes standard with 316SS wetted parts. This rugged gauge features an external zero adjust feature standard.



PRODUCT SPECIFICATIONS

GENERAL DIFFERENTIAL PRESSURE MEASUREMENT SPECIFICATIONS

Accuracy
±2.5% full scale

Dial Size
4" (100mm) or 6" (160mm)

Case and Ring
304 SS open front case with a bayonet ring (solid front optional)

Dial
White painted aluminum with black markings

Pointer
Black painted aluminum with external adjust feature standard (to 25% of range)

Window
Shatterproof glass

Diaphragm Material
316 SS for ranges 15 psi and above.
High strength cobalt alloy (Duratherm 600) for ranges below 15 psi

Housing Material
316 SS with a Viton O-ring

Socket Location
1/4 NPTF or 1/2 NPTF lower (female)

Range
0-10 IWD (inches of water differential) to 300 psid

Static Pressure
From 10 IWD to 3 psi – static pressure 145 psi
5 psi and above – static pressure 360 psi

Mounting
Stem, wall or pipe

Options

	Code
Glycerin fill	(L)
Silicone fill	(XGV)
Weatherproof/Hermetically sealed case	(H)
Wall mounting bracket	(XFW)
Pipe mounting bracket	(XTM)
3-way manifold ⁽¹⁾	(X43)
Electric warning contacts ⁽²⁾	(X91)

(1) This accessory requires additional piping for mounting with gauge (not supplied).
(2) Specify contact arrangement. Specify if magnetic or inductive contacts.
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STANDARD RANGES*

psid	mBar	Bar	I.W.D.
3	40	0.6	30
5	60	1.0	60
10	100	1.6	100
15	160	2.5	200
30	250	4	
60	400	6	
100		10	
160		16	
200		25	
300			

*Other ranges on application

TO ORDER THIS MODEL 5509 DIFFERENTIAL PRESSURE GAUGE:

	10	5509	S	S	02L	XXX	0/100 psid
1. Dial size – 100mm	_____	_____	_____	_____	_____	_____	_____
2. Type	_____	_____	_____	_____	_____	_____	_____
3. 316 SS diaphragm	_____	_____	_____	_____	_____	_____	_____
4. 316 SS housing and socket	_____	_____	_____	_____	_____	_____	_____
5. Connection size and location 1/4 NPTF lower	_____	_____	_____	_____	_____	_____	_____
6. Optional features	_____	_____	_____	_____	_____	_____	_____
7. Pressure range	_____	_____	_____	_____	_____	_____	_____