

Type 5503 Differential Pressure Gauge

- ±1.6% full scale accuracy
- · Stainless steel case
- 316 stainless steel wetted parts
- 1450 psi static pressure standard with optional static pressure to 3625 psi
- External zero adjust
- Optional liquid-filled case
- 4"(100mm) or 6"(160mm) dial
- · One sided load permitted
- Optional ATEX approval

The Ashcroft® Type 5503 differential pressure gauge is available with ranges from 16 I.W.D. to 400 psi with optional static pressure to 3625 psi. Optional wetted parts includes Hastelloy C & Monel. Typical applications include use with liquified gas for nitrogen, helium, argon and carbon dioxide.



PRODUCT SPECIFICATIONS GENERAL DIFFERENTIAL PRESSURE MEASUREMENT SPECIFICATIONS Accuracy and above. High strength cobalt alloy ±1.6% full scale (Duratherm 600) for ranges of 10 psi and below **Dial Size** 4" (100mm) or 6" (160mm) **Housing Material** 316 stainless steel with a Viton O-ring Case and Ring 304 SS safety design case with bayo-Socket Material net ring (316 stainless steel case and 316 stainless steel ring optional) **Socket Connection** Dial 1/4 NPT or 1/2 NPT lower

White painted aluminum

Pointer

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

Window

Shatterproof glass

Diaphragm Material

316 stainless steel for ranges 15 psi

Flange for direct mounted valves

0-16 IWD (inches of water differential) to 400 psid

Static Pressure 1450 psi standard with optional static

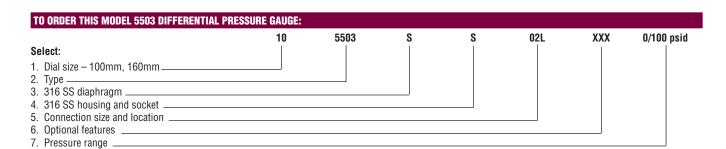
pressure to 3625 psid Mounting

Stem, wall or pipe

Options	
Code	
Glycerin fill(L)	
Silicone fill (XGV)	
Weatherproof/Hermetically	
sealed case (XLJ)	
Wall mounting bracket (XFW)	
Pipe mounting bracket (XTM)	
3-way manifold (X43)	
Hastelloy C diaphragm w/316	
stainless steel housing(1,2) (HS)	
Monel diaphragm w/316	
stainless steel housing(2) (PS)	
Hastelloy C diaphragm	
and housing ^(1,2) (HH)	
See page 247 for selection and	
ordering code	
Electric warning contacts	
1/2% full scale accuracy	
(unidirectional upscale) (XAJ)	
Static pressure to 3625 psi (XSP)	
Polycarbonate window (XPD)	

STANDARD RANGES*				
psid	mbar	bar	I.W.D.	
3	40	0.6	16	
5	60	1.0	30	
10	100	1.6	60	
15	160	2.5	100	
30	250	4	200	
60	400	6		
100		10		
160		16		
200		25		
300				
400				

*Other ranges on application



⁽¹⁾ For ranges 5 psid and above. (2) Goes in 3 and 4 spot below for coding. Viton® is a registered trademark of DuPont Co.