

Ashcroft Digital Pressure Gauges

- 5 Digit Display, 1/2" Character Height
- 20 Segment Bar Graph
- Selectable Engineering Units
- Min/Max Memory
- IP67 Case, Optional Boot

Laser-welded stainless steel sensor and socket make this product ideal for use with a wide variety of pressure media in demanding industrial applications. The optional 0.25% accuracy is suitable for many test and measurement uses.



DG25

- 1/4% Full Scale Accuracy
- Extra Large 5 Digit Display
- 4-20mA & Switch Outputs in One Unit (2274)
- NEMA4, IP65 Case
- Selectable Damping, Update Rate, Engineering Units, Auto-Off
- Min/Max (Peak Hold) Display



2174

Specify these multi-function digital gauges when any combination of local indication, 4-20mA output and switching is required. Easy menu configuration speeds installation & setup. All points between zero and full scale remain within stated accuracy even after rezeroing.

SPECIFICATIONS

Case Size:	2.73" dia.x 1.61" deep
Material:	Polycarbonate window, polycarbonate/ABS case & back
Wetted Parts:	17-4PH sensor & 316L socket/tube, laser welded
Power:	2 AA alkaline batteries, >2000 hour life
Temperature:	-20°C to 60°C (-4 to 140°F) operating ambient
Proof Pressure:	200%, up to 2000psi 150%, 3000 & 5000psi 120%, >5000 psi
Accuracy:	0.5% of span or 0.25% of span Includes linearity, hysteresis, repeatability
Approvals:	UL 61010, cUL, CE, RoHs
Display:	5 digit numeric top line, 5 alpha character lower line, 4 level battery indicator, 20 segment bar graph
Display Icons:	Gauge timer, backlight timer, tare, min, max
Keypad:	3 keys with multi press functionality
Hard Keys:	on/off; Power Symbol and Enter zero; Zero, Tare, and Up Arrow menu Access, Backlight, Down Arrow

ORDERING INFORMATION

To Order - Insert Code for Each Letter to Select Catalog Number.
Example: AS/DG2551LONAM02100#

AS/DG25 A B C D E

A Accuracy	D Connection
3 0.25% of span	M01 1/8 NPT male
5 0.5% of span	M02 1/4 NPT male
B Backlight	M04 1/2 NPT male
1L Backlight	F09 9/16 -18 UNF-2B int thread
1N No backlight	E Range
C Protective Boot	See table below
0NA None	
1NA Black	
2NA Orange	

15# 15 psi	3000# 3000 psi
30# 30 psi	5000# 5000 psi
50# 50 psi	7500# 7500 psi
60# 60 psi	10000# 10,000 psi
100# 100 psi	15000# 15,000 psi
150# 150 psi	20000# 20,000 psi
200# 200 psi	25000# 25,000 psi
300# 300 psi	0#&V Vacuum -14.7psi
500# 500 psi	15#&V 15 psi/-14.7psi
750# 750 psi	30#&V 30 psi/-14.7psi
1000# 1000 psi	60#&V 60 psi/-14.7psi
2000# 2000 psi	100#&V 100psi/-14.7psi

SPECIFICATIONS

Digit Height:	(3") 0.6", (4 1/2") 0.88"
Bargraph:	10 segment % of range
Temperature:	10-60°C (14-140°F)
Proof Pressure:	200%
Loop Power:	12-36 VDC
Battery:	(3") Two AA, (4 1/2") Two C
Switch Rating:	30VDC/1A, 25VAC/0.5A
Approvals:	CE, FM, CSA

ORDERING INFORMATION

To Order - Insert Code for Each Letter to Select Catalog Number.
Example AS/302274SD02L100#XU1BL

AS/ A B C D E F G	
A Case	F Range (include units suffix)
30 3" stainless steel	See table below
45 4 1/2" thermoplastic	G Options
B Model	X followed by one or more 2 digit codes:
2074 Battery powered	AY Black aluminum case for 4 1/2" size
2174 Loop powered, 4-20mA output	U1 One SPDT switch (2274 only)
2274 Line powered (12-36 VDC, 2VA)	U2 Two SPDT switch (2274 only)
C Wetted Parts	AO 4-20mA output for 2274
SD 316 stainless steel (socket)	EN 3ft cable for 4 1/2" case (terminal blocks std for 4 1/2" case, 3ft cable std for 3" case)
17-4 stainless steel (sensor)	BL Display backlight
D Connection (316 SS)	BK Battery backup
02 1/4 NPT	B1 Black rubber boot (3" only)
04 1/2 NPT (4 1/2" case only)	B2 Orange rubber boot (3" only)
E Location	FF Front flange (welded)
L Lower	PP Protective front cover (3" only)
E Left	
D Right	
T Top	

15# 15 psi	2000# 2000 psi
30# 30 psi	3000# 3000 psi
50# 50 psi	5000# 5000 psi
60# 60 psi	6000# 6000 psi
100# 100 psi	8000# 8000 psi
150# 150 psi	10000# 10,000 psi
200# 200 psi	15000# 15,000 psi
300# 300 psi	15#&V 15 psi/-14.7psi
500# 500 psi	30#&V 30 psi/-14.7psi
750# 750 psi	60#&V 60 psi/-14.7psi
1000# 1000 psi	100#&V 100psi/-14.7psi

Ranges in inHg, cmHg, mmHg, kPa, mPa, bar, kg/cm², ftH₂O also available