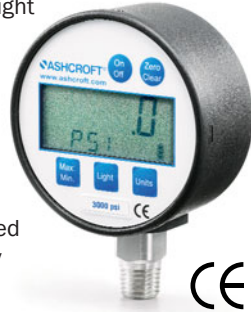


Ashcroft Digital Pressure Gauges

- 4 1/2" Digit Display, 1/2" Character Height
- Maximum Pressure Indication
- Selectable Engineering Units
- Chemical Resistant Case
- Optional Weatherproof Boot

The D1005PS is a versatile and economical choice for general pressure applications. Stainless steel wetted parts are suitable for dry air and many other media. Popular features such as backlight, peak hold and engineering units display are standard on the D1005PS.



D1005PS

- 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 1/2", Noryl®
Accuracy:	1/2% FS standard, 1/4% available
Connection:	1/4 NPT, bottom
Power:	2 AAA batteries 4 level battery indicator in display
Temperature:	-10 °C to 60 °C (14-140 °F)
Proof Pressure:	200%, up to 1000psi 150%, 3000 & 5000psi 120%, 9999psi

Keypad Functions:	
Auto/Off:	Never, 5, 10, 20 minutes
Backlight:	4 auto off options
Max (Peak Hold):	Displays peak value
Zero/Clear:	Zeroes display or clears max value
Engineering Units:	psi, in.H ₂ O, cmHg, mmHg, kPa, mPa, Bar, kg/cm ² , ft.H ₂ O
Field Calibration:	Zero and span

ORDERING INFORMATION

To Order - Insert Range Code and Units to Complete Catalog Number. AS/D1005PS02L - 30psi

AS/D1005PS02L - **A**

A Range (include units suffix)

psi	ftH ₂ O	inH ₂ O	inHg/psi
30	70	-30/0	-30/30
60	140	(vacuum)	-30/60
100	230		-30/100
200	460		-30/150
300	700		-30/300
500			(compound)
1000			
3000			
5000			
9999			
10000			
15000			
19999			

Also available:

- kPa, MPa, bar, kg/cm² pressure ranges;
- kPa, mmHg, cmHg, bar, kg/cm² vacuum ranges;
- kPa, bar, kg/cm², ftH₂O compound ranges.

Options:

- ±0.25% of span accuracy
- Protective boot
- 3, 9, 12 o'clock connections

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/302274SD02L - 100psi - XU1BL

AS/ **A** **B** **C** **D** - **E** - **F**

A Case	30 3" stainless steel 45 4 1/2" thermoplastic	F Options X followed by one or more 2 digit codes: AY Black aluminum case for 4 1/2" size EC Electro polished case for 3" size U1 One SPDT switch (2274 only) U2 Two SPDT switch (2274 only) AO 4-20mA output for 2274 EN Flying leads for 4 1/2" case (terminal blocks std for 4 1/2" case, flying leads std for 3" case) BL Display backlight BK Battery backup for 2174 & 2274 S7 Weatherproof carry case (3" only) B1 Black rubber boot (3" only) B2 Orange rubber boot (3" only) PP Protective front cover (3" only)
B Model	2074 Battery powered 2174 Loop powered, 4-20mA output 2274 Line powered (12-36 VDC, 2VA)	
C Wetted Parts	SD 316 stainless steel (socket) 17-4 stainless steel (sensor)	
D Connection	02L 1/4 NPT 04L 1/2 NPT (4 1/2" case only)	

E Range (include units suffix)

psi	ftH ₂ O	inH ₂ O*	mmH ₂ O	inHg	mmHg	compound
30	30	800	60	60	1500	15#/vac
60	60	1000	100	100	2000	30#/vac
100	160		160	160	3000	60#/vac
160	200		200	200		
200	200		300	300		
300	300		400	400		
600	400		600	600		
800	600		800	800		
1000	1000		1000	1000		
1500				1600		
2000				2000		
3000				3000		
5000				6000		
8000						
10000						
15000						
20000						

* 20 °C, 60 °C & 4 °C reference options