

Series/Range	Pressure Range	Accuracy	Operating Temperature Range	Temperature Compensated	Calibrated	Total Error Band	Signal Conditioning	Analog Output	Uncalibrated mV Output	I2C Output	SPI Output	Absolute	Differential	Gauge	Mounting Options	Barbed Port	Manifold Port	Non Ported	Custom pressure ranges available
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Honeywell

ABP	60 mbar to 10 bar	±0.25 %FSS BFSL	0°C to 50°C	✓	✓	±1.5 %FSS	Amplified	✓		✓	✓		✓	✓	DIP, leadless SMT, SMT	✓		✓	✓
TBP	60 mbar to 10 bar	±0.25 %FSS	0°C to 85°C	✓	✓		Unamplified		✓					✓	DIP, leadless SMT, SMT	✓			
NBP	60 mbar to 10 bar	±0.25 %FSS	40°C to 125°C				Unamplified		✓			✓		✓	DIP, leadless SMT, SMT	✓			
SSC Ultra Low Pressure	±2.5 mbar to ±40 mbar	±0.25 %FSS BFSL	-20°C to 85°C	✓	✓	±2 %FSS to ±5 %FSS	Amplified	✓		✓	✓		✓	✓	DIP, SIP, SMT	✓	✓	✓	✓
SSC Low Pressure	±60 mbar to ±10 bar	±0.25 %FSS BFSL	-20°C to 85°C	✓	✓	±2 %FSS	Amplified	✓		✓	✓	✓	✓	✓	DIP, SIP, SMT	✓	✓	✓	✓
TSC Low Pressure	±60 mbar to ±10 bar	0.25 %FSS BFSL	0°C to 85°C	✓	✓		Unamplified		✓				✓	✓	DIP, SIP, SMT	✓	✓	✓	
NSC Ultra Low Pressure	±2.5 mbar to ±40 mbar	±0.25 %FSS BFSL	-40°C to 85°C				Unamplified		✓				✓	✓	DIP, SIP, SMT	✓	✓	✓	
NSC Low Pressure	±60 mbar to ±10 bar	0.25 %FSS BFSL	40°C to 85°C				Unamplified		✓			✓	✓	✓	DIP, SIP, SMT	✓	✓	✓	
26PC	1 psi to 250 psi (SIP, DIP), 1 psi to 15 psi (SMT)	linearity and hysteresis 0.25% typ.	0°C to 50°C	✓	✓		Unamplified		✓				✓	✓	DIP, SIP, SMT	✓	✓		
26PC Flow Through	1 psi to 100 psi	linearity and hysteresis 0.75% typ.	0°C to 50°C	✓	✓		Unamplified		✓					✓	SIP, DIP	✓	✓		
24PC	0.5 psi to 250 psi (SIP, DIP), 1 psi to 15 psi (SMT)	linearity and hysteresis 0.5% typ.	-40°C to 85°C				Unamplified		✓			✓	✓	✓	DIP, SIP, SMT	✓	✓		
24PC Flow Through	1 psi to 100 psi	linearity and hysteresis 0.75% typ.	-40°C to 85°C				Unamplified		✓					✓	SIP, DIP	✓	✓		

Amphenol Advanced Sensors

NPA	2" H2O to 30 psi	< ±1.5% FSO	-40 to 125°C	✓	✓	±1.5% FS	Amplified	✓	✓	✓	✓	✓	✓	✓	SMT	✓	✓	✓	✓
NPA 201	260 to 1260 mbar	±1% FS	-40°C to +85°C	✓	✓	±1% FS	Amplified			✓		✓			SMT			✓	
NPX-SPI	450 to 1400 kPa	±3.1% FSO	-40°C to 125°C	✓	✓	±3.1% FS	Amplified				✓	✓			SMT			✓	✓
NPP-301	15 to 100 psi	0.1% FSO hysteresis/repeatability	-40°C to 125°C				Unamplified		✓			✓			SMT		✓	✓	
NPC-410	0 to 100 psi	±0.1% FSO maximum	-40°C to 125°C				Unamplified		✓			✓	✓	✓	DIP	✓			
NPC-1220	5 to 100 psi	0.1% FSO pressure hysteresis	0°C to 60°C	✓	✓		Unamplified		✓			✓	✓	✓	DIP	✓			✓
NPC-1210	10" H2O to 100 psi	0.1% FSO pressure hysteresis	0°C to 60°C	✓	✓		Unamplified		✓			✓	✓	✓	DIP	✓			✓
NPC-100 & NPC-120	-0.58 to +5.8 psi	±1% sensitivity	15°C to 40°C	✓	✓		Unamplified		✓					✓	Other		✓		
NPH	0 to 5 psi	0.05% FSO hysteresis/repeatability	0°C to 70°C	✓			Unamplified		✓			✓	✓	✓	DIP	✓			

BMP280	300 to 1100 hPa	±1 hPa	-0°C to 65°C		✓		Unamplified			✓	✓	✓			SMT				✓
BMP180	300 to 1100 hPa	0.12 hPa	-40°C to 85°C		✓		Unamplified			✓	✓	✓			SMT				✓

Need help choosing a suitable pressure sensor?

Contact one of our technical experts or find out more about our full range of pressure sensors at www.acalbfi.com

consult. design. integrate.