

PRESSURE GAUGES

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Products & Features



		1279	1377	1379	2462
Specifications	Size	4½"	4½", 6", 8½"	4½", 6", 8½"	6"
	Accuracy	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)
	Dampening	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance	PLUS! ™ Performance	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance	PLUS! ™ Performance
	Process Connection	¼ NPT, ½ NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male (see data sheet for more options)
	Process Connection Location	Lower, back	Lower, back	Lower, back	Lower, back
	Mounting Options	Stem, surface, flush	Stem, flush	Stem, surface, flush	Stem, surface, flush
Wetted Components	Bourdon Tube	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®, Inconel®	Bronze, 316L Stainless steel, Monel®
	Process Connection	Brass, 316L Stainless steel, Monel®, Steel	Brass, 316L Stainless steel, Monel®, Steel	Brass, 316L Stainless steel, Monel®, Steel	Brass, 316L Stainless steel, Monel®, Steel
Non-Wetted Components	Case	Phenolic	Aluminum	Aluminum	Polypropylene
	Window	Glass, acrylic, safety glass, non-glare glass	Glass, acrylic, safety glass, non-glare glass	Glass, acrylic, safety glass, non-glare glass	Glass, acrylic, safety glass, non-glare glass
	Ring	Polycarbonate (meets UL 94 V-0)	Steel, black enamel	Polycarbonate (meets UL 94 V-0)	Polypropylene
	Pressure Relief Back	Polycarbonate (meets UL 94 V-0)	Stainless steel	Polycarbonate (meets UL 94 V-0)	Polypropylene
Process Temperature Limits	Dry	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)
	PLUS! ™	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
	Glycerin Fill	20 °F to 150 °F (-7 °C to 66 °C)	20 °F to 150 °F (-7 °C to 66 °C)	20 °F to 150 °F (-7 °C to 66 °C)	20 °F to 150 °F (-7 °C to 66 °C)
	Silicone Fill	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
	Halocarbon® Fill	-40° F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
Ranges	Pressure	Vacuum, compound, 15 to 30,000 psi	Vacuum, compound, 15 to 30,000 psi	Vacuum, compound, 15 to 100,000 psi	Vacuum, compound, 15 to 30,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa
Weather Protection	Dry Case	Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only
	Dry Case (not liquid fillable)	Dry with X1P Option IP65	NA	NA	NA
	Liquid Filled	IP66 or NEMA 4X	NA	IP66 or NEMA 4X	NA
	Sealed Dry Case (liquid fillable)	IP66 or NEMA 4X	NA	IP66	NA
Approvals		CRN	CRN	CRN	CRN

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1259	1290	1109	1209
Specifications	Size	4½"	4½"	4½"	4½"
	Accuracy	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)	±0.5% of span (ASME B40.100 Grade 2A)
	Dampening	Glycerin, Silicone, Halocarbon®	NA	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance
	Process Connection	¼ NPT, ½ NPT Male	¼ NPT, ½ NPT Male	¼ NPT, ½ NPT, ⅝-18 UNF-2B High pressure fitting	¼ NPT, ½ NPT Male
	Process Connection Location	Lower	Lower	Lower	Lower
	Mounting Options	Stem, surface	Stem, surface, flush	Stem	Stem, surface
Wetted Components	Bourdon Tube	316L Stainless steel, Monel®	Inconel®	316L Stainless steel, Inconel® 718	316L Stainless steel, Monel®
	Process Connection	316L Stainless steel, Monel®	316L Stainless steel	316L Stainless steel	316L Stainless steel, Monel®
Non-Wetted Components	Case	PBT Polybutylene Terephthalate (meets UL 94 V-0)	ABS	Stainless steel	316L Stainless steel
	Window Material	Glass, safety glass, acrylic	Acrylic, glass	Glass, safety glass, acrylic	Glass, safety glass, acrylic
	Ring	PBT Polybutylene Terephthalate (meets UL 94 V-0)	302 Stainless steel	300 Stainless steel	316L Stainless steel
	Pressure Relief Back	PBT Polybutylene Terephthalate (meets UL 94 V-0)	Polypropylene	304 Stainless steel	316L Stainless steel
Process Temperature Limits	Dry	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)
	Glycerin Fill	20 °F to 200 °F (7 °C to 93 °C)	NA	NA	20 °F to 200 °F (7 °C to 93 °C)
	Silicone Fill	-40 °F to 200 °F (-40 °C to 93 °C)	NA	NA	-40 °F to 200 °F (-40 °C to 93 °C)
Ranges	Pressure	Vacuum, compound, 15 to 20,000 psi	15 to 2,000 psi	Vacuum, compound 15 to 100,000 psi	Vacuum, compound, 15 to 20,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, mPa, kg/cm², kPa	psi, bar, mPa, kg/cm², kPa
Weather Protection	Dry Case	Case is not sealed, recommended for weather protected environment only	Case is not sealed, recommended for weather protected environment only	Case is not sealed, recommended for weather protected environment only	IP65
	Liquid Filled	IP65	NA	NA	IP65
	Dry Case (liquid fillable)	IP66	NA	IP65	IP65
Approvals		CRN	NA	CRN	CRN

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		T5500	T6500	T5500E	N5500
Specifications	Size	100 mm, 160 mm	100 mm, 160 mm	100 mm	100 mm
	Accuracy	1% of span (EN 837-1)	±1% of span (EN 837-1)	±0.50% of span (EN 837-1)	1.6% of span (STD.)
		0.5% of span (OPT.)	0.5% of span (OPT.)	NA	1% of span (OPT.)
	Dampening	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance	Glycerin, Silicone, Halocarbon®, PLUS! ™ Performance	PLUS! ™ Performance	Glycerin, Silicone
	Process Connection	¼ NPT, ½ NPT Male G ¼ B, G ½ B Male	¼ NPT, ½ NPT Male G ¼ B, G ½ B Male ⅜-18 UNF-2B High pressure fitting	¼ NPT, ½ NPT Male G ¼ B, G ½ B Male	¼ NPT, ½ NPT Male (see data sheet for more options)
	Process Connection Location	Lower, back	Lower	Lower	Lower, back
Wetted Components	Mounting Options	Stem, surface, flush	Stem, flush	Front flange (available only with M1 connection)	Stem, surface
	Bourdon Tube	316L Stainless steel, Monel®	316L Stainless steel, Monel®	316L Stainless steel tube 17-4 PH® Sensor	NA
	Capsule (N550), Diaphragm (P5500/6500)	NA	NA	NA	316Ti Stainless steel
	Process Connection	316 Stainless steel, Monel®	316 Stainless steel, Monel®	304 Stainless steel	NA
Non-Wetted Components	Case	304 Stainless steel, 316 Stainless steel	304 Stainless steel, 316 Stainless steel	304 Stainless steel	304 Stainless steel
	Window Material	Glass, safety glass, acrylic	Safety glass, acrylic	Safety glass, acrylic	Glass, acrylic, safety glass
	Ring	304 Stainless steel	304 Stainless steel	304 Stainless steel	304 Stainless steel
	Pressure Relief Disc	NA	Stainless steel	NA	NA
Process Temperature Limits	Dry	-40 °F to 392 °F (-40 °C to 200 °C)	-40 °F to 392 °F (-40 °C to 200 °C)	-13 °F to 185 °F (-25 °C to 85 °C)	-13 °F to 185 °F (-25 °C to 85 °C)
	PLUS! ™	-40 °F to 392 °F (-40 °C to 200 °C)	-40 °F to 392 °F (-40 °C to 200 °C)	-13 °F to 185 °F (-25 °C to 85 °C)	NA
	Glycerin Fill	19 °F to 200 °F (-7 °C to 93 °C)	19 °F to 200 °F (-7 °C to 93 °C)	NA	NA
	Silicone Fill	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C) XQC option: -94 °F to 174 °F (-70 °C to 70 °C)	NA	NA
	Halocarbon® Fill	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	NA	NA
	ATEX	-13 °F to 140 °F (-25 °C to 60 °C)	-13 °F to 140 °F (-25 °C to 60 °C)	NA	NA
Ranges	Pressure	Vacuum, compound to 15,000 psi	Vacuum, compound to 100,000 psi	Vacuum, compound to 15,000 psi	-250 to 250 in. H ₂ O
	Units	psi, bar, kg/cm ² , kPa	psi, bar, kg/cm ² , kPa	psi, bar, kg/cm ² , kPa	in. H ₂ O, mBar, in. H ₂ O, mm H ₂ O, kPa, Kg/Cm2, inHg
Weather Protection	Dry Case	IP66 NEMA 4X, Weatherproof	IP66 NEMA 4X, Weatherproof	IP65	IP54, IP65 if vent valve closed (according to EN 60 529/IEC 529)
Approvals		CRN, ATEX (OPT.)	CRN, ATEX (OPT.)	NA	NA

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		P5500/P6500	1187	1188	1189
Specifications	Size	100 mm, 160 mm	4½"	4½"	4½", 6½"
	Accuracy	±1.6% of span	±2-1-2% of span (ASME B40.100 Grade A)	±2-1-2% of span (ASME B40.100 Grade A)	±2-1-2% of span (ASME B40.100 Grade A)
	Dampening	Glycerin, Silicone	Throttle screw, dampeners, capillary, diaphragm seals and snubbers	Throttle screw, dampeners, capillary, diaphragm seals and snubbers	Throttle screw, dampeners, capillary, diaphragm seals and snubbers
	Process Connection	¼ NPT, ½ NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male	¼ NPT, ½ NPT Male	¼ NPT, ½ NPT Male
	Process Connection Location	Lower	Back	Lower, back	Lower
	Mounting Options	Stem	Flush	Stem, surface, flush	Stem, surface
Wetted Components	Bellows	NA	Brass, 316 Stainless steel, Monel®	Brass, 316 Stainless steel, Monel®	Brass, 316 Stainless steel, Monel®
	Diaphragm	316L Stainless steel, Monel®	NA	NA	NA
	Process Connection	316 Stainless steel, Hastelloy® C-276	Brass, 316 Stainless steel, Monel®	Brass, 316 Stainless steel, Monel®	Brass, 316 Stainless steel, Monel®
Non-Wetted Components	Case	304 Stainless steel	Aluminum, black epoxy coated	Phenolic	Aluminum, black epoxy coated
	Window Material	Glass, acrylic, safety glass,	Glass, safety glass, acrylic	Glass, safety glass, acrylic	Glass, safety glass, acrylic
	Ring	304 Stainless steel	Steel, black epoxy coated	Polycarbonate	Polypropylene
	Pressure Relief Back	NA	Polypropylene	Polypropylene	Polypropylene
Process Temperature Limits	Dry	-4 °F to 185 °F (-20 °C to 85 °C)	-20 °F to 150 °F (-29 °C to 66 °C)	-20 °F to 150 °F (-29 °C to 66 °C)	-20 °F to 150 °F (-29 °C to 66 °C)
	Glycerin Fill	19 °F to 185 °F (-7 °C to 85 °C)	NA	NA	NA
	Silicone Fill	-20 °F to 140 °F (-29 °C to 60 °C)	NA	NA	NA
Ranges	Pressure	10 in. H ₂ O to 300 psi including vacuum ranges	10 in. H ₂ O to 10 psi	10 in. H ₂ O to 10 psi	10 in. H ₂ O to 10 psi
	Units	in. H ₂ O, mBar, mm H ₂ O, kPa, Kg/Cm ² , inHg	IWC, psi	IWC, psi	IWC, psi
Weather Protection	Dry Case	IP66 NEMA 4X	Case is not sealed, recommended for weather protected environment only	Case is not sealed, recommended for weather protected environment only	Case is not sealed, recommended for weather protected environment only
	Liquid Filled	IP66 or NEMA 4X	NA	NA	NA
Approvals		NA	NA	NA	NA

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1008S	1008S	1008S - Center Back
Specifications	Size	40 mm, 50 mm	63 mm, 100 mm	63 mm, 100 mm
	Accuracy	±3-2-3% of span (ASME B40.100 Grade B)	Dry: ±1.6% of span Liquid filled: ±2% of span	±3-2-3% of span (ASME B40.100 Grade B)
	Dampening	Liquid Filled and FlutterGuard™ (see data sheet for more options)	Liquid Filled and PLUS! ™ Performance (see data sheet for more options)	Liquid Filled and FlutterGuard™ (see data sheet for more options)
	Process Connection	1/8 NPT, 1/4 NPT Male (see data sheet for more options)	1/8 NPT, 1/4 NPT, 1/2 NPT Male (see data sheet for more options)	1/8 NPT, 1/4 NPT Male (see data sheet for more options)
	Process Connection Location	Lower, center back	Lower, lower back (see data sheet for more options)	Center back
	Mounting Options	Stem, flush	Stem, surface, flush	Stem, flush
Wetted Components	Bourdon Tube	316L Stainless steel	316L Stainless steel	316 Stainless steel
	Process Connection	316 Stainless steel	316 Stainless steel	316 Stainless steel
Non-Wetted Components	Case	304 Stainless steel, 316L Stainless steel	304 Stainless steel, 316L Stainless steel	304 Stainless steel
	Window Material	Polycarbonate	Polycarbonate	Polycarbonate
	Ring	316 Stainless steel, crimped	304 Stainless steel, crimped, 316L Stainless steel	304 Stainless steel, crimped
Process Temperature Limits	Dry	-40 °F to 250 °F (-40 °C to 121 °C)	-40 °F to 250 °F (-40 °C to 121 °C)	-40 °F to 250 °F (-40 °C to 121 °C)
	PLUS! ™	NA	-40 °F to 200 °F (-40 °C to 93 °C)	NA
	FlutterGuard ™	-40 °F to 250 °F (-40 °C to 121 °C)	NA	-40 °F to 250 °F (-40 °C to 121 °C)
	Glycerin Fill	20 °F to 200 °F (-7 °C to 93 °C)	20 °F to 200 °F (-7 °C to 93 °C)	20 °F to 200 °F (-7 °C to 93 °C)
	Silicone Fill	40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
	Halocarbon® Fill	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
Ranges	Pressure	40mm: Vacuum, compound, 15 to 15,000 psi 50mm: Vacuum, compound, 15 to 20,000 psi	Vacuum, compound, 15 to 15,000 psi	Vacuum, compound, 15 to 20,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa
Weather Protection		IP66/NEMA 4	Plug closed: IP65/NEMA 4X Plug vented: IP54	Plug closed: IP65/NEMA 4X Plug vented: IP54/NEMA 3
Approvals		CRN, RoHS, PED	CRN, RoHS, PED	CRN, RoHS, PED

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		8008S	1009 Duralife®	1009	2008
Specifications	Size	63 mm, 100 mm	2½", 3½"	4½", 6"	63 mm
	Accuracy	±1%, 1.6%, 2-1-2% of span	Dry: ±1% of span (ASME B40.100 Grade 1A) Liquid filled: ±1.5% of span	±1% of span (ASME B40.100 Grade 1A)	Dry: ±1.6% of span Liquid filled: ±2% of span
	Dampening	Liquid filled and FlutterGuard™ (see data sheet)	Liquid Filled and PLUS! ™ Performance (see data sheet for more options)	Liquid Filled and PLUS! ™ Performance (see data sheet for more options)	Liquid Filled and PLUS! ™ Performance (see data sheet for more options)
	Process Connection	¼ NPT, ½ NPT Male (see data sheet for more options)	½ NPT, ¾ NPT, 1 NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male (see data sheet for more options)	¼ NPT, ½ NPT Male (see data sheet for more options)
	Process Connection Location	Lower, lower back, center back	Lower, lower back (see data sheet for more options)	Lower, lower back (see data sheet for more options)	Lower back
	Mounting Options	Stem, surface, flush	Stem, surface, flush	Stem, surface, flush	Panel
Wetted Components	Bourdon Tube	316 Stainless steel	316L Stainless steel	Brass, 316L Stainless steel, Monel®	316L Stainless steel
	Process Connection	316 Stainless steel	Aluminum bronze, 316L Stainless steel	Brass, 316L Stainless steel, Monel®	316L Stainless steel
Non-Wetted Components	Case	304 Stainless steel, 316 Stainless steel	304 Stainless steel, 316L Stainless steel	304 Stainless steel	304 Stainless steel, 316L Stainless steel
	Window Material	Polycarbonate, safety glass, glass	Polycarbonate, safety glass	Glass, polycarbonate, safety glass	Polycarbonate
	Ring	304 Stainless steel, 316 Stainless steel	304 Stainless steel, 316L Stainless steel	304 Stainless steel, bayonet	304 Stainless steel, 316L Stainless steel
Process Temperature Limits	Dry	40 °F to 200 °F (-40 °C to 93 °C) with FlutterGuard™	-40 °F to 250 °F (-40 °C to 121 °C)	-40 °F to 250 °F (-40 °C to 121 °C)	-40 °F to 250 °F (-40 °C to 121 °C)
	PLUS! ™	NA	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
	Glycerin Fill	-4 °F to 212 °F (-20 °C to 100 °C)	20 °F to 200 °F (-7 °C to 93 °C)	20 °F to 200 °F (-7 °C to 93 °C)	20 °F to 200 °F (-7 °C to 93 °C)
	Silicone Fill	-4 °F to 212 °F (-20 °C to 100 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
	Halocarbon® Fill	NA	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
Ranges	Pressure	Vacuum, compound, 15 to 20,000 psi	Vacuum, compound, 15 to 15,000 psi	Vacuum, compound, 15 to 30,000 psi	Vacuum, compound, 15 to 15,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa
Weather Protection	Dry Case	Plug closed: IP 66/ Nema 4x Plug vented: IP54	Plug closed: IP65/NEMA 4 Plug vented: IP54	Plug closed: IP65/NEMA 4 Plug vented: IP54	Plug closed: IP65/NEMA 4 Plug vented: IP54
Approvals		CRN, RoHS, CE, PED, R110, CSA/ANSI NGV 3.1:20	CRN, RoHS, PED	CRN, RoHS, PED	CRN, RoHS

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1017	1220	1010	1339A
Specifications	Size	4½", 6"	4½", 6", 8½"	4½", 6", 8½", 12"	4½"
	Accuracy	±1% of span (ASME B40.100 Grade 1A)	±1% of span (ASME B40.100 Grade 1A)	±1% of span (ASME B40.100 Grade 1A)	±2-1-2% of span (ASME B40.100 Grade A)
	Dampening Options	PLUS! ™ Performance (see data sheet for more options)	PLUS! ™ Performance (see data sheet for more options)	PLUS! ™ Performance (see data sheet for more options)	NA
	Process Connection	¼ NPT, ½ NPT (see data sheet for more options)	¼ NPT, ½ NPT (see data sheet for more options)	¼ NPT, ½ NPT (see data sheet for more options)	¼ NPT Male
	Process Connection Location	Back (see data sheet for more options)	Lower, lower back (see data sheet for more options)	Lower, lower back (see data sheet for more options)	Back only
	Mounting Options	Stem, flush	Stem, surface, flush	Stem, surface, flush	Stem, flush
Wetted Components	Bourdon Tube	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®	Grade A phosphor bronze
	Process Connection	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®	Bronze, 316L Stainless steel, Monel®	Brass
Non-Wetted Components	Case Material	Black epoxy coated aluminum, solid front	4½": Black phenolic, solid front 6": Black polypropylene, solid front 8½": Black aluminum, solid front	Black epoxy coated aluminum, solid front	Black epoxy coated aluminum
	Window Material	Glass, acrylic, safety glass	Glass, acrylic, safety glass	Glass, acrylic, safety glass	Glass
	Ring	4½", 6": Aluminum - black textured enamel, hinged	4½": Threaded polycarbonate 6": Bayonet lock, polypropylene 8½": Hinged steel, black enamel	4½", 6": Reinforced polypropylene, threaded 8½": Black epoxy coated, hinged 12": Black epoxy coated steel, slip fit	Black epoxy coated aluminum
Process Temperature Limits	Dry	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)
	PLUS! ™	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)	NA
Ranges	Pressure	Vacuum, compound 15 to 20,000 psi	Vacuum, compound 15 to 30,000 psi	Vacuum, compound 15 to 30,000 psi	Lowest range 30 psi, compound to 1,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa
Weather Protection		Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only
Approvals		CRN	CRN	CRN	CRN

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		SB Subsea	SC Subsea	1490	1495
Specifications	Size	63, 100, 140, 160 mm	100 mm	2½", 3½"	2½", 3½"
	Accuracy	1% or 1.6% of span	1% of span	±2-1-2% of span (ASME B40.100 Grade A)	±2-1-2% of span (ASME B40.100 Grade A)
	Dampening Options	NA	NA	FlutterGuard™	FlutterGuard™
	Process Connection	¼, ½ NPT or BSP	¼, ½ NPT or BSP	½ NPT, ¼ NPT Male See data sheet for more options	½ NPT, ¼ NPT Male
	Process Connection Location	Lower, back	Lower, back	Lower, center back, top, right, left	Lower, center back, top, right, left
	Mounting Options	Stem, surface, panel	Stem, surface, panel	Stem, flush, U-Clamp	Stem, flush, U-Clamp
Wetted Components	Bourdon Tube	316L Stainless steel	316L Stainless steel	Beryllium copper diaphragm, brass, polysulfone, RTV Silicone	Beryllium copper diaphragm, brass, polysulfone, RTV Silicone
	Process Connection	316L Stainless steel	316L Stainless steel	Brass	Brass
Non-Wetted Components	Case Material	316L Stainless steel	316L Stainless steel	Black, glass filled polysulfone	Black, glass filled polysulfone
	Window Material	Glass	Glass	Polycarbonate - threaded ¼ turn	Polycarbonate - threaded ¼ turn
	Ring	316L Stainless steel	316L Stainless steel	NA	NA
Pressure Relief Back	Disc	NA	Disc	NA	NA
Process Temperature Limits	Dry	Dry	NA	-40 °F to 180 °F (-40 °C to 82 °C)	-40 °F to 180 °F (-40 °C to 82 °C)
	Glycerin Fill	Glycerin	Glycerin	NA	NA
	Silicone Fill	Silicone	NA	NA	NA
Depth Limits		6,000 meters (19,685 feet)	2,500 meters (8,202 feet)	NA	NA
Ranges	Pressure	15 to 20,000 psi	15 to 20,000 psi	Vacuum, compound, 10 in. H ₂ O to 15 psi	0/100%, 0/10 sq. rt., 0/100 linear, 3-15 psi
	Units	psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa	psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa psi, bar, kg/cm ² , kPa	psi, IWC, cmWC, ozWC, kPa	psi
Weather Protection		IP68	IP68	NA	NA
Approvals		CE	CE	NA	NA

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		8008A	1008A/AL	1005/1005P/1005S	1005P-XUL
Specifications	Size	63 mm 100 mm	63 mm 100 mm	1005: 1½", 2", 2½", 3½" 1005P: 1½", 2", 2½", 3½" 1005S: 1½", 2"	3½"
	Accuracy	63 mm: ±1.6% of span per (EN837-1) ±1% of span per (EN837-1) ±2-1-2% of span (ASME B40.100 Grade A) 100 mm: ±1% of span per (EN837-1)	±3-2-3% of span (ASME B40.100 Grade B)	±3-2-3% of span (ASME B40.100 Grade B)	±3-2-3% of span (ASME B 40.100 Grade B)
	Dampening Options	Liquid filled, FlutterGuard™, restrictors	Liquid filled, FlutterGuard™, restrictors	FlutterGuard™, restrictors	NA
	Process Connection	63 mm: ½ NPT, ¼ NPT Male, G ¼ B Male, ¼ BSPT, SAE-4 7/16-20, M14 x 1.5 100 mm: ¼ NPT, ½ NPT Male, G ¼ B, G ½ B Male, ¼ BSPT, M20 x 1.5	¼ NPT Male, JIS, DIN, others on application	½ NPT, ¼ NPT Male	¼ NPT Male
	Process Connection Location	63 mm: Lower, center back 100 mm: Lower, lower back	Lower, center back	Lower, center back, left (9 o'clock), right (3 o'clock), top	Lower
Wetted Components	Bourdon Tube	Bronze, 316 Stainless steel	Bronze, 316 Stainless steel	Bronze	Bronze
	Process Connection	Brass	Brass, with O-Ring case seal	Brass	Brass
	Restrictor	Brass, orifice size from 0.007" to 0.063"	Brass, 0.013" orifice (except for vacuum to 15 psi ranges) Optional: 0.007" to 0.063"	Brass, 0.013" orifice on ranges >1,000 psi (only 1005/1005P) Optional: 0.007" to 0.063"	NA
Non-Wetted Components	Case Material	304 Stainless steel	304 Stainless steel	1005: Black painted steel 1005P: Black ABS 1005S: Stainless steel	ABS (Polycarbonate blend)
	Window	Polycarbonate, glass, safety glass	Polycarbonate	Polycarbonate	Polycarbonate
	Ring	304 Stainless steel, crimped	304 Stainless steel, crimped		
Process Temperature Limits	Dry	-40 °F to 158 °F (-40 °C to 70 °C)	-40 °F to 158 °F (-40 °C to 70 °C)	-40 °F to 150 °F (-40 °C to 66 °C)	-40 °F to 150 °F (-40 °C to 66 °C)
	Glycerin Fill	-4 °F to 158 °F (-20 °C to 70 °C)	-4 °F to 158 °F (-20 °C to 70 °C)	NA	NA
	Silicone Fill	-40 °F to 158 °F (-40 °C to 70 °C)	-40 °F to 158 °F (-40 °C to 70 °C)	NA	NA
Ranges	Pressure	Bronze: Vacuum, compound to 8,700 psi 316 SS: 10,000 to 15,000 psi	Bronze: Vacuum, compound to 8,700 psi 316 SS: 10,000 to 15,000 psi	1½": Vacuum to 1,000 psi 2" to 3½": Vacuum, compound to 6,000 psi	0 to 300 psi (water) 0-80 retard to 250 psi (air) 0 to 600 psi
	Units	psi, bar, kPa, MPa, kg/cm² (available in single or dual scale)	psi Options: bar, kPa, kg/cm² (metric ranges)	psi Options: bar, kPa, kg/cm²	psi, bar, kPa, (single, dual or triple scale)
	Weather Protection	IP66; NEMA 4 for water and dust ingress	Weather resistant	Weather resistant	Weather resistant
Approvals		RoHS, PED, REACH, CRN	CRN	CRN, Options: 1005/1005P (2"): UL 404 High pressure gas, 1,000-4,000 psi UL 252A Compressed gas regulator accessories, 30-300 psi	UL 393 listed, UL Canada listed, FM approved

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1000/2071A	12DDG/15DDG	23DDG
Specifications	Size	4½"	12DDG: 1¼" 15DDG: 1½"	23 mm
	Accuracy	1000: ±3-2-3% of span (ASME B 40.100 Grade B) 2071A: ±2-1-2% (ASME B40.100 Grade A)	±2% at setpoint (setpoint is normally 50% of span) UL Listed ± 3.5% of span in middle ⅓ of scale	±5% of span
	Dampening Options	FlutterGuard™, restrictors	Silicone dampened tube, restrictors	Silicone dampened tube, restrictors
	Process Connection	¼ NPT Male	⅛ NPT, ¼ NPT Male	⅛ NPT Male
	Process Connection Location	Lower	Center back	Center back
Wetted Components	Bourdon Tube	Bronze	Beryllium copper coil	Beryllium copper coil
	Process Connection	Brass	Brass	Brass
	Restrictors	Options: Brass, 0.007" to 0.063"	Safety plug on UL gauges 1,500 to 4,000 psi Options: Brass, 0.007" to 0.063"	Options: Brass, 0.007" to 0.063"
Non-Wetted Components	Case Material	1000: Black painted steel 2071A: Black painted aluminum with back flange	Stainless steel	ABS blend
	Window Material	1000: Polycarbonate 2071A: Glass	Polycarbonate	Polycarbonate
	Ring	1000: Black painted steel 2071A: Chrome plated steel	NA	NA
Process Temperature Limits	Dry	-40 °F to 150 °F (-40 °C to 65 °C)	-40 °F to 150 °F (-40 °C to 65 °C)	-40 °F to 150 °F (-40 °C to 65 °C)
Ranges	Pressure	1000: Vacuum, compound to 6,000 psi 2071: Vacuum, compound to 600 psi	0/60, 0/100, 0/160, 0/200, 0/300, 0/700, 0/1,200, 0/1,500, 0/2,000, 0/3,000, 0/4,000 psi (Reference data sheet for pressure range dial arc)	0/60, 0/100, 0/160, 0/200, 0/300 psi (Reference data sheet for pressure range dial arc)
	Units	psi Options: bar, kPa, kg/cm²	psi Options: bar, kPa, kg/cm²	psi Options: bar, kPa, kg/cm²
	Weather Protection	Weather resistant	Weather resistant	Weather resistant
Approvals		CRN	CRN Options: UL 404, High pressure gas (1,500 to 4,000 psi)	CRN

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1001T	1001T-XOR Refrigerant Gauge	1007P-XOR Refrigerant Gauge
Specifications	Size	U-Clamp mount: 1½", 2", 2½", 3½" Front flange mount: 2", 2½"	2½", 3½"	2½"
	Accuracy	±3-2-3% of span (ASME B 40.100 Grade B)	±1% at zero, ±2% three fourths of scale, ±5% last fourth of scale	±1% at zero, ±2% three fourths of scale, ±5% last fourth of scale
	Dampening Options	FlutterGuard™, restrictors	FlutterGuard™, restrictors	FlutterGuard™, restrictors
	Process Connection	½ NPT, ¼ NPT Male	½ NPT, ¼ NPT Male	½ NPT Male
	Process Connection Location	Center back	Center back	Lower
Wetted Components	Bourdon Tube	Bronze	Bronze	Bronze
	Process Connection	Brass	Brass	Brass
	Restrictors	Brass, 0.013" orifice in gauges 1,000 psi and above, Options: 0.007" to 0.063"	Brass, 0.013", Options: 0.007" to 0.063"	Brass, 0.020", Options: 0.007" to 0.063"
Non-Wetted Components	Case Material	Steel	Black painted steel	Blue ABS (low pressure) Red ABS (high pressure)
	Window Material	Polycarbonate	¼ turn thread, polycarbonate	Threaded polycarbonate
Process Temperature Limits	Dry	-40 °F to 150 °F (-40 °C to 65 °C)	-40 °F to 150 °F (-40 °C to 65 °C)	-40 °F to 150 °F (-40 °C to 65 °C)
Ranges	Pressure	1½": Vacuum to 1,000 psi 2" to 3½": Vacuum, compound to 6,000 psi	Refrigerants R502/R22/R12/R134A: 30 in. Hg vac./0/120 psi retard to 250 psi; 0 to 500 psi; Refrigerant 410A: 30 inHg vac./0/350 psi retard to 500 psi; 0 to 800 psi	Refrigerants R502/R22/R12/R134A: 30 in. Hg vac./0/120 psi retard to 250 psi; 0 to 500 psi; Refrigerant 410A: 30 inHg vac./0/350 psi retard to 500 psi; 0 to 800 psi
	Units	psi Options: bar, kPa, kg/cm²	psi	psi
	Weather Protection	Weather resistant	Weather resistant	Weather resistant
Approvals		CRN	CRN	CRN

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		DG25	2084, 2086, 2089
Specifications	Size	2½"	3"
	Accuracy	±0.5% of span (ASME B40.7 Grade 2A) ±0.25% of span (ASME B40.7 Grade 3A) (OPT.)	2089: ±0.05% of span 2086: ±0.10% of span 2084: ±0.25% of span
	Display	5 digit LCD	5 digit LCD
	Process Connection	½ NPT, ¼ NPT (see data sheet for more options)	¼ NPT
	Process Connection Location	Lower, top	Lower, left, right, top
	Mounting	Stem	Stem, panel (OPT.)
	Battery Life	2,000+ hours	1,000 hours
	Shock	MIL-STD-202G, Method 201A	NA
	Vibration	MIL-STD-202G, Method 213B, Test Condition K	NA
Wetted Components	Diaphragm	17-4 PH® Stainless steel	316 Stainless steel
	Process Connection	316L Stainless steel	316 Stainless steel
	Joints	Laser welded	NA
Non-Wetted Components	Case/Back Cover	Polycarbonate/ABS	304 Stainless steel
	Window	Polycarbonate	NA
Process Temperature Limits	Battery Installed	-4 °F to 140 °F (-20 °C to 60 °C)	0 °F to 150 °F (-18 °C to 65 °C) Fully temperature compensated
Ranges	Pressure	Vacuum, compound, gauge to 25,000 psi	Vacuum, compound, gauge, absolute to 7,000 psi
	Units	psi, bar, in. Hg, cm Hg, mm Hg, kPa, MPa, kg/cm², custom	psi, bar, in. Hg, in. H₂O, cm H₂O, mm H₂O, mm Hg, kPa, MPa, mbar, ftSW, kg/cm²
Overpressure Rating (F.S.)	Proof	15 to ≤2,000 psi: 2X ≥3,000 to ≤5,000 psi: 1.5X ≥7,500 to ≤20,000 psi: 1.2X	Vac to ≤300 psi: 2X Range ≥300 to ≤3,000 psi: 2X Range ≥5,000 to ≤7,000 psi: 2X Range
	Burst	15 to ≤2,000 psi: 8X ≥3,000 to ≤5,000 psi: 3X ≥7,500 to ≤20,000 psi: 1.5X	Vac to ≤300 psi: 3X Range ≥300 to ≤3,000 psi: 5X Range ≥5,000 to ≤7,000 psi: 2X Range
Weather Protection	Enclosure Rating	IP67	IP65
Approvals		CRN, CE, UL 61010, cUL, RoHS	CRN, FM/CSA Intrinsically safe (Not valid on vacuum and compound ranges up to 15 psi)

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



2074, 2174, 2274		
Specifications	Size	3", 4½"
	Accuracy	±0.25% of span, terminal point
	Display	5 digit LCD
	Process Connection	¼ NPT (see data sheet for more options)
	Process Connection Location	Lower, left, right, top
	Battery Life	3": >450 hours, 4½": >2,000 hours
	Power Requirements	2074: Battery powered 2174: Loop Powered 4-20 mA (12-36 Vdc) 2274: DC line powered (12-36 Vdc)
Wetted Components	Diaphragm	17-4 PH® Stainless steel
	Process Connection	316 Stainless steel
	Joints	Laser welded
Non-Wetted Components	Case	3": 304 Stainless steel, 4½": Fiberglass reinforced thermoplastic or black epoxy coated aluminum
Process Temperature Limits	Dry	14 °F to 140 °F (-10 °C to 60 °C)
Ranges	Pressure	Vacuum to 20,000 psi
	Units	psi, in. H ₂ O (with three temp. OPT.: 20 °C, 60 °F, 4 °C), ft. H ₂ O, mPa, mbar, kPa, kg/cm ² , bar, inHg and mm Hg (units available are based on F.S. range of gauge)
Overpressure Rating (F.S.)	Proof	15 to ≤2,000 psi: 2X ≥3,000 to ≤5,000 psi: 1.5X ≥7,500 to ≤20,000 psi: 1.2X
	Burst	15 to ≤2,000 psi: 8X ≥3,000 to ≤5,000 psi: 3X ≥7,500 to ≤20,000 psi: 1.5X
Weather Protection	Enclosure Rating	IP65, Weatherproof
Approvals		CRN, FM/CSA Intrinsically Safe (OPT.)

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1130	1131	1132	1133	1134
Specifications	Size	2", 2½", 3½", 4", 4½", 6"	2½", 3½", 4", 4½", 6"	2½", 3½", 4", 4½", 6"	3½", 4", 4½", 6"	4½"
	Accuracy	±2% ascending (FSD)	±2% ascending (FSD)	±2% ascending (FSD)	±2% ascending (FSD)	±3% ascending (FSD)
	Process Connection	¼ NPT Female	¼ NPT Female	¼ NPT Female	¼ NPT Female	¼ NPT Female
	Process Connection Location	In-line, lower, back	In-line, lower, back	In-line, lower, back	In-line, lower, back	Dual In-line, back
	Mounting Options	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe
	Migration	Minor	Zero	Zero	Zero	Zero
Wetted Material	Actuator	PTFE piston, ceramic magnet, SS spring	Rolling diaphragm, ceramic magnet, SS spring	Convuluted diphragm, ceramic magnet, SS spring	Convuluted diphragm, ceramic magnet, SS spring	Convuluted diaphragm, ceramic magnet, SS spring
	O-Ring/ Diaphragm	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)
	Body Material	Aluminum, Brass, Stainless steel	Aluminum, Brass, Stainless steel	Aluminum, Brass, Stainless steel	Aluminum, Stainless steel	Glass filled nylon
Non-Wetted Material	Case Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Window	Glass	Glass	Glass	Glass	Glass
Process Temperature Limits	Dry	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	140 °F (60 °C)
	Glycerine Fill	150 °F (66 °C)	150 °F (66 °C)	150 °F (66 °C)	150 °F (66 °C)	140 °F (60 °C)
	Silicone Fill	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	140 °F (60 °C)
Ranges	Differential Pressure Ranges	0-5 psid to 150 psid	0-5 psid to 100 psid	0-1 psid to 60 psid	0-1 IWD to 25 IWD	0.6-1 IWD to 60 IWD
	Static Pressure	up to 6,000 psi	3,000 psi	1,500 psi	500 psi	35 psi

See data sheets at [ashcroft.com](https://www.ashcroft.com) for complete product specifications and ordering codes.

Products & Features



		1140	1141	1142	1143	1147
Specifications	Size	2", 2½", 3½", 4", 4½", 6"	2½", 3½", 4", 4½", 6"	2½", 3½", 4", 4½", 6"	3½", 4", 4½", 6"	4½", 6"
	Accuracy	±2% ascending (FSD)	±2% ascending (FSD)	±2% ascending (FSD)	±2% ascending (FSD)	±3% ascending (FSD)
	Process Connection	¼ NPT Female	¼ NPT Female	¼ NPT Female	¼ NPT Female	¼ NPT Female
	Process Connection Location	In-line, lower, back	In-line, lower, back	In-line, lower, back	In-line, lower, back	In-line, lower, back
	Mounting Options	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe	In-line, panel, surface, pipe
	Migration	Minor	Zero	Zero	Zero	Zero
Wetted Material	Actuator	PTFE piston, ceramic magnet, SS spring	Rolling diaphragm, ceramic magnet, SS spring	Convuluted diphragm, ceramic magnet, SS spring	Convuluted diphragm, ceramic magnet, SS spring	Convuluted diaphragm, ceramic magnet, SS spring
	O-Ring/ Diaphragm	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)	Buna-N (optional material available)
	Body Material	Aluminum, Brass, Stainless steel	Aluminum, Brass, Stainless steel	Aluminum, Brass, Stainless steel	Aluminum, Stainless steel	Glass filled nylon
Non-Wetted Material	Case Material	Thermoplastic, glass filled nylon	Thermoplastic, glass filled nylon	Thermoplastic, glass filled nylon	Thermoplastic, glass filled nylon	Thermoplastic, glass filled nylon
	Window	Glass	Glass	Glass	Glass	Glass
Process Temperature Limits	Dry	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	140 °F (60 °C)
	Glycerine Fill	150 °F (66 °C)	150 °F (66 °C)	150 °F (66 °C)	150 °F (66 °C)	140 °F (60 °C)
	Silicone Fill	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	175 °F (80 °C)	140 °F (60 °C)
Ranges	Differential Pressure Ranges	0-5 psid to 150 psid	0-5 psid to 100 psid	0-1 psid to 60 psid	0-1 IWD to 25 IWD	30 IWD to 2,000 IWD
	Static Pressure	up to 6,000 psi	3,000 psi	1,500 psi	500 psi	1,000 psi

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1125 & 1125A	1127 & 1128	5503	F5509 & F6509
Specifications	Size	4½", 6"	4½", 6"	4" (100 mm), 6" (160 mm)	4" (100 mm), 6" (160 mm)
	Accuracy	±2-1-2% of span (ASME B40.100 Grade A)	±2-1-2% of span (ASME B40.100 Grade A)	±1.6% of span	±1.6% of span
	Process Connection	¼ NPT Male	¼ NPT Male	¼, ½ NPT Male or Female, G½B Male	¼, ½ NPT Male or Female, G½B Male
	Process Connection Location	Lower, back	Lower, back	Lower	Lower
	Mounting Options	Stem, surface	Stem, surface	Stem, wall, pipe	Stem, wall, pipe
Wetted Material	Bourdon Tube	Grade A Phospor bronze	316 Stainless steel	NA	NA
	Process Connection	Bronze	316 Stainless steel	316 Stainless steel	316Ti Stainless steel
	Diaphragm	NA	NA	316 SS, Duratherm 600®, Inconel®, Hastelloy®, Monel®	316 Stainless steel, Duratherm 600®
	Housing	NA	NA	316L Stainless steel, Hastelloy® C-276	316L Stainless steel
Non-Wetted Materials	Case Material	Cast aluminum, black epoxy coated	Cast aluminum, black epoxy coated	304 Stainless steel, 316 Stainless steel (OPT.)	316 Stainless steel
	Window	Glass	Glass	Shatterproof glass	Shatterproof glass
	Ring	Aluminum	Aluminum	Bayonet	Bayonet
Process Temperature Limits	Dry	-20 °F to 250 °F (-29 °C to 121 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-4 °F to 185 °F (-20 °C to 85 °C)	-4 °F to 185 °F (-20 °C to 85 °C)
	Glycerine Fill	NA	NA	-20 °F to 150 °F (-7 °C to 66 °C)	-20 °F to 150 °F (-7 °C to 66 °C)
	Silicone Fill	NA	NA	-40 °F to 200 °F (-40 °C to 93 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
Ranges	Differential Pressure	1125: 10 to 1,000 psid 1125A: 5 to 500 psid	1127: 10 to 1,000 psid 1128: 5 to 500 psid	1 to 600 psid	1 to 400 psid
	Static Pressure	Range dependent (see details on product page or data sheet)	Range dependent (see details on product page or data sheet)	1,450 psi 3,625 psi for ranges <10 psi (OPT.) 5,801 psi for ranges >10 psi (OPT.)	232 psi for ranges from 1 to 4 psi 580 psi for range of 6 psi to 400 psi
	Units	psid, kg/cm², bar, kPa	psid, kg/cm², bar, kPa	psid, mbar, bar, IW	psid, mbar, bar, IW
Weather Protection		Case not sealed, recommended for weather protected environment only	Case not sealed, recommended for weather protected environment only	Dry: IP65 Liquid: IP66	IP66
Approvals		NA	NA	CRN, CE, ATEX (OPT.)	NA

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		1032 Sanitary	1032 Fractional	1036 Gauge/ 1037 Fitting	2030 Series
Specifications	Size	2½", 3½", 4½"	2"	3½"	3"
	Display Type	Analog	Analog	Analog	Digital - Full 5 Digit LCD
	Accuracy	2½" & 3½": All ranges up to 100 psi: ±2% Pressure over 100 psi: ±1.5% (add ±0.5% for liquid fill and XLL) 4½": 1.5%	Upscale: ±3% of span Downscale: ±5% of span	All ranges to 100 psi ±2% Pressure over 100 psi ±1.5% (add ±0.5% for liquid fill and XLL)	±0.25% of span, terminal point
	Power Supply	NA	NA	NA	2032, 2036: Battery 2132, 2136: 4-20 mA Loop 2232, 2236: 12-36 Vdc
	Switches	NA	NA	NA	2232, 2236: 1 or 2 SPDT (OPT.)
	Dampening Options	PLUS! ™ Performance or liquid filled case	FlutterGuard™	PLUS! ™ Performance or liquid filled case	Settings per 100 ms: None, average, 2, 4, 6, 8
	Process Connection	1½" & 2" Tri-Clamp®	¾" Tri-Clamp®	1½" Tri-Clamp®	2032, 2132, 2232: Tri-Clamp® 2036, 2136, 2236: In-line
	Process Connection Location	Lower, lower back	Lower	Lower	Lower, top, right, left
	Mounting Options	Tri-Clamp®	Tri-Clamp®	1036: Tri-Clamp® mates with 1037: ½" to 2" in-line sanitary fitting	Tri-Clamp®
Wetted Components	Diaphragm	316L SS, Electropolished, Hastelloy® C-276	316L Stainless steel, Electropolished	316L Stainless steel, Electropolished	316L Stainless steel, Electropolished
	Seal Housing	316L SS, Electropolished, Hastelloy® C-276	316L Stainless steel, Electropolished	316L Stainless steel, Electropolished	316L Stainless steel, Electropolished
	Seal Surface Finish	12-15 RA	12-20 RA	12-15 RA	12-20 RA
Non-Wetted Components	Case	304 Stainless steel	304 Stainless steel, Electropolished	304 Stainless steel	304 Stainless steel, Tumbled
	Window	Polycarbonate, glass, safety glass, polysulfone	Glass, safety glass, polycarbonate	Polycarbonate, polysulfone, safety glass	NA
	Ring	304 Stainless steel, removeable	304 Stainless steel, electropolished, friction fit	304 Stainless steel, removeable	NA
	Assembly Fill Fluid	Distilled water, USP food grade glycerin, food grade silicone, Neobee® M-20, mineral oil	USP food grade glycerin, Neobee® M-20, mineral oil	Distilled water, USP food grade glycerin, food grade silicone, Neobee® M-20, mineral oil	USP food grade glycerin, food grade silicone, mineral oil
Ranges	Pressure	Vacuum, compound, to 1,000 psi	Compound, 30 to 600 psi	Vacuum, compound, to 1,000 psi	Vacuum, compound, gauge to 7,000 psi
	Units	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa	psi, bar, kg/cm², kPa
Weather Protection		2½" & 3½": IP65, 4½" Dry: IP54 4½" liquid filled: IP65	NA	IP65	IP65
Approvals		CRN, RoHS, 3-A	CRN, RoHS	CRN, RoHS, 3-A	3-A

See data sheets at ashcroft.com for complete product specifications and ordering codes.

Products & Features



		28 mm HPX	HPX	HPS	HPT
Specifications	Size	28 mm	50 & 63 mm	50 mm	63 mm
	Accuracy	±3% of span	50 mm: ±2.4-1.6-2.4% of span 63 mm: ±1.5% of span	Gauge: ±1.6% of span Setting Accuracy: ±5.0% of span	±1.5% of span (ranges 90 psi & above) ±2% of span (ranges 90 psi & below)
	Process Connection	1/16"-18 UNF 1/4" VCR Male/Female	1/16"-18 UNF 1/4" VCR Male/Female 1/4 NPT	1/16"-18 UNF 1/4" VCR Male/Female, R 1/4 Male, 1/4 NPT Male	G 3/8", R 3/8", Tube Stub: 1/4", 3/8", 1/2"
	Process Connection Location	Centerback	50 mm: Lower, centerback 63 mm: Lower, lower back	Lower	Lower
	Mounting Options	Stem	Stem	Stem	Stem
Wetted Materials	Bourdon Tube	316L Stainless steel diaphragm	316L Stainless steel	316L Stainless steel	PFA (Perfluoroalkoxy) bellows
	Process Connection Materials	316L Stainless steel	316L Stainless steel	316L Stainless steel	PTFE
Surface Finish	Tube	<0.5um Ra	<1.6 um Ra	<.38um Ra	NA
	Socket	<0.38um Ra	<1.6 um Ra	<.38um Ra	NA
Non-Wetted Materials	Case	304 Stainless steel	304 Stainless steel	316L Stainless Steel	Polypropylene
	Window	Polycarbonate	Polycarbonate	Threaded polycarbonate	PET
	Ring	304 Stainless steel	304 Stainless steel	NA	NA
Reed Switch	Max Power	NA	NA	10 W	NA
	Max Voltage	NA	NA	30 Vac/dc	NA
	Max Current	NA	NA	0.5 Adc	NA
	Dead Band	NA	NA	Within 10% of span	NA
Ranges	Pressure	Compound Vacuum to 150#	Compound Vacuum to 300#, 0 to 3,000	0 to 60 psi, 0 to 3,000 psi	Vacuum to 145#
	Units	psi, bar, kPa	psi, bar, kPa	psi, bar, mPa	psi, bar, mPa, kPa
Approvals		RoHS	RoHS	RoHS	RoHS

See data sheets at ashcroft.com for complete product specifications and ordering codes.