

# Series 8800



## Process Gauges

Solid front blow out back safety pattern case

Micrometer pointer

Liquid Fillable

Case size 4 1/2"

These gauges are commonly used on heavy-duty service in industrial environments. The gauges have a solid front blow out back safety case.

### Standard gauge specifications

- Case:** Fiberglass reinforced thermoplastic with solid barrier between dial plate and measuring unit complete with blow out back plate.
- Bezel:** Fiberglass reinforced thermoplastic ring
- Dial:** White aluminum with black scales
- Pointer:** Black aluminum, adjustable micrometer pointer
- Window:** Acrylic (8810), Laminated safety glass (8820, 8850)
- Bourdon tube:** ≤ 600 psi : "C" shaped phosphor bronze, AISI 316 or Monel, > 600 psi : helical phosphor bronze, AISI 316 or Monel,
- Connection:** Copper Alloy, Stainless steel AISI 316 or Monel
- Movement:** Copper Alloy or Stainless steel with mechanical underload/overload stop
- Weather protection:** IP 54
- Accuracy:** +/- 0,5% of span ASME B40.1 Grade 2A

Wetted parts	Series
Brass	8810
316 SS	8820
Monel	8850

<b>Series</b>	<b>8811</b>	<b>8811</b>	<b>8821</b>	<b>8821</b>	<b>8851</b>
<b>Case Size</b>	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
<b>Connection Size</b>	1/4"NPT	1/2"NPT	1/4"NPT	1/2"NPT	1/2"NPT
<b>Wetted parts</b>	Brass	Brass	316SS	316SS	Monel
<b>Scale</b>	psi	psi	psi	psi	psi
<b>Article number</b>	<b>SW187B8E</b>	<b>SW187B8H</b>	<b>SW287B8E</b>	<b>SW287B8H</b>	<b>SW687B8H</b>
<b>Pressure Range Code</b>					
-30"Hg/0	<b>000kb</b>	000kb	<b>000vb</b>	<b>000vb</b>	000vb
-30"Hg/0/15psi	<b>201kb</b>	201kb	<b>201vb</b>	<b>201vb</b>	201vb
-30"Hg/0/30 psi	<b>203kb</b>	<b>203kb</b>	<b>203vb</b>	<b>203vb</b>	203vb
-30"Hg/0/60 psi	<b>205kb</b>	205kb	<b>205vb</b>	<b>205vb</b>	205vb
-30"Hg/0/100 psi	<b>208kb</b>	208kb	<b>208vb</b>	<b>208vb</b>	208vb
-30"Hg/0/150 psi	<b>210kb</b>	210kb	<b>210vb</b>	<b>210vb</b>	210vb
-30"Hg/0/200 psi	<b>212kb</b>	212kb	<b>212vb</b>	<b>212vb</b>	212vb
0-15 psi	<b>301kb</b>	<b>301kb</b>	<b>301vb</b>	<b>301vb</b>	301vb
0-30 psi	<b>303kb</b>	<b>303kb</b>	<b>303vb</b>	<b>303vb</b>	303vb
0-60 psi	<b>306kb</b>	<b>306kb</b>	<b>306vb</b>	<b>306vb</b>	306vb
0-100 psi	<b>309kb</b>	<b>309kb</b>	<b>309vb</b>	<b>309vb</b>	309vb
0-160 psi	<b>312kb</b>	<b>312kb</b>	<b>312vb</b>	<b>312vb</b>	312vb
0-200 psi	<b>314kb</b>	<b>314kb</b>	<b>314vb</b>	<b>314vb</b>	314vb
0-300 psi	<b>317kb</b>	<b>317kb</b>	<b>317vb</b>	<b>317vb</b>	317vb
0-400 psi	<b>319kb</b>	<b>319kb</b>	<b>319vb</b>	<b>319vb</b>	319vb
0-600 psi	<b>321kb</b>	<b>321kb</b>	<b>321vb</b>	<b>321vb</b>	321vb
0-1000 psi	323kb	323kb	<b>323vb</b>	<b>323vb</b>	323vb
0-1500 psi	324kb	<b>324kb</b>	<b>324vb</b>	<b>324vb</b>	324vb
0-2000 psi	325kb	325kb	<b>325vb</b>	<b>325vb</b>	325vb
0-3000 psi	327kb	327kb	<b>327vb</b>	<b>327vb</b>	327vb
0-4000 psi	329kb	329kb	<b>329vb</b>	<b>329vb</b>	329vb
0-5000 psi	331kb	331kb	<b>331vb</b>	<b>331vb</b>	331vb
0-6000 psi	332kb	332kb	<b>332vb</b>	<b>332vb</b>	332vb
0-10000 psi	-	-	<b>334vb</b>	<b>334vb</b>	334vb
0-15000 psi	-	-	<b>335vb</b>	<b>335vb</b>	335vb
0-20000 psi	-	-	<b>336vb</b>	<b>336vb</b>	336vb

Items shown in **bold** are normally stocked items

To order, add pressure range code after article number, example: **SW187B8E000kb**