



PROCESS GAUGES

SOLFRUNT® 4-1/2" Models 1901 and 1931

DESCRIPTION

The Models 1901 and 1931 4-1/2" process gauges have an aluminum back-flanged case for applications needing stem or wall mounting. These models are available with wetted surface material in brass/phosphor bronze or 316L stainless steel. They are available dry or liquid filled from the factory or your local stocking distributors, or can be ordered with a liquid fill kit for filling in the field.

Models 1901 and 1931 4-1/2" SOLFRUNT gauges are supplied in 18 vacuum, compound, and pressure ranges from 30" Hg vacuum through 11600 psi. The low-connected aluminum back-flanged case can be easily liquid filled in the field using the appropriate conversion kit.

Span adjustments can be accomplished from rear of case without disturbing the gauge internals. Pointer adjustments are easily made by removing ring and window.



SOLFRUNT Model 1931

SPECIFICATIONS

SIZES: 4-1/2"

ACCURACY: ±0.5% of span (Grade 2A), except where seamless stainless steel Bourdon tubes are used in following ranges: Type 316L from 10000 to 11600 psi; accuracy is ±0.5% on ascending pressure and ±1.0% on descending pressure

BOURDON TUBE: Phosphor bronze/silver brazed or 316L seamless stainless steel/TIG welded

WINDOW: High temperature acrylic, laminated shatter-resistant glass options available

MOVEMENT: Geared movement with components of corrosion-resistant 300 series stainless steel. Movement can be removed for examination and cleaning without disturbing span and scale shape adjustments

DIAL: Aluminum with baked white background and black markings

POINTER: Anodized aluminum, micro-adjustable with black finish (optional lazy hand available, part number 156147, with dry gauges only)

CASE AND RING:

For Stem or Wall Mounting:

Cast aluminum, back-flanged case with bayonet ring, black finish and stainless steel pressure-relieving back (liquid fill kit available)

CONNECTION: Brass or 316L stainless steel, 1/2-14 ANPT standard (1/4-18 ANPT optional)

WEATHER PROTECTION: NEMA 4X/IP66 for Model 1931 with liquid fill case