



Product Data

Process Gauges

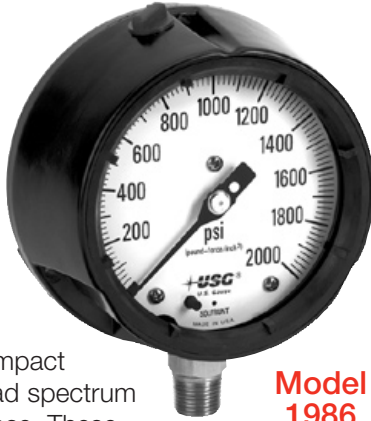
SOLFRUNT® 4-1/2" Models 1980 and 1986

DESCRIPTION

The Models 1980 and 1986 4-1/2" Process Gauges have a PET turret style case for chemical and petrochemical processing applications. The PET material gives this case superior impact strength and a broad spectrum of chemical resistance. These models are available with wetted surface material in brass/phosphor bronze or MONEL® for NACE Standard.* They are available dry or liquid filled from the factory or your local stocking distributor, liquid fill kit, or the EZ Fill design to facilitate filling in the field without special tools.

Models 1980 and 1986 4-1/2" SOLFRUNT gauges are supplied in 26 vacuum, compound, and pressure ranges from 30" Hg vacuum through 11,600 psi. The low-connected PET turret 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.



Model 1986

SPECIFICATIONS

DIAL SIZE: 4-1/2"

CASE AND RING:

For Stem or Wall Mounting:

PET TURRET CASE (black) with glass-filled polypropylene threaded ring and pressure-relieving back

WINDOW: High temperature acrylic, other options available

POINTER: Anodized aluminum, micro-adjustable with black finish

DIAL: Aluminum with baked white background and black markings

MOVEMENT: Geared movement with components of corrosion-resistant 300 series stainless steel

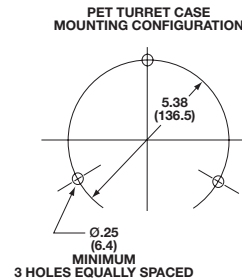
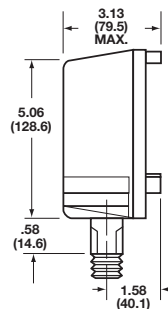
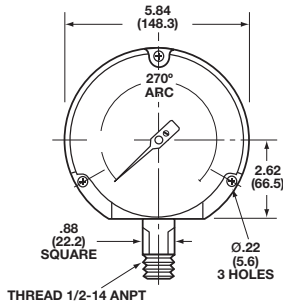
BOURDON TUBE: Phosphor bronze/silver brazed; or K MONEL®, MONEL®/micro-brazed

CONNECTION: Brass or MONEL, 1/2-14 ANPT standard (1/4-18 ANPT, optional)

ACCURACY: ±0.5% of span (Grade 2A)

* NACE MR-01-03 and MR-01-75 2002 applications. Please contact factory for more information at 727-536-7831

**INCHES
(MM)**



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ALL ORDERS CAN BE SENT TO:

On-line fax: 215-323-9450 or e-mail to usg.sales@ametek.com

Sales/Technical Support: 215-257-6531
900 Clymer Avenue
Sellersville, PA 18960 U.S.A.

Customer Service: 727-536-7831
8600 Somerset Drive
Largo, FL 33773 U.S.A.



Specifications are subject to change without notice. Visit our Web site for the most up-to-date information.



Product Data

Process Gauges

SOLFRUNT® 4-1/2" Models 1980 and 1986

SPEC NUMBER SELECTION CHART

Model Number	1980	1986
Bourdon Tube	Phosphor Bronze	K MONEL®
Socket	Brass	MONEL®
Size	4-1/2"	4-1/2"
Range*	Spec No.	Spec No.
0-30" Hg VAC	150000	150060
30"-0-15 psi	150001	150061
30"-0-30 psi	150002	-
30"-0-60 psi	150003	150063
30"-0-100 psi	150004	150064
30"-0-150 psi	150005	150065
0-15 psi	150006	150066
0-30 psi	150007	150067
0-60 psi	150008	150068
0-100 psi	150009	150069
0-160 psi	150010	150070
0-200 psi	150011	150071
0-300 psi	150012	150072
0-400 psi	150013	150073
0-600 psi	150014	150074
0-800 psi	-	-
0-1000 psi	150015	150075
0-1500 psi	-	-
0-2000 psi	-	150529
0-2300 psi	-	-
0-3000 psi	-	150530
0-3500 psi	-	-
0-5000 psi	-	150531
0-6000 psi	-	-
0-10,000 psi	-	150532
0-11,600 psi	-	-

* Metric and dual scale dials are available on all 1900 Series gauges. Please reference Metric and Dual Scale Dial part numbers in this section

1/4-18 ANPT available – use 155XXX when ordering

When ordering EZ Fill Option – use 170XXX (for 1/2-14 ANPT); use 175XXX (for 1/4-18 ANPT)

SPARE PARTS

Part	Description	Part No.
Lazy Hand	Lazy Hand 1980	132371
Fill Kit	1980 Series Bladder Design	150300
Fill Kit	1980 Series O-ring Design	150298
Panel Mount Kit	Panel Mount Kit for Flush Mounting 1981, 1980 and 1929	047631



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