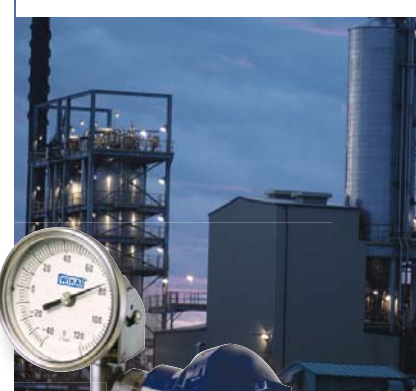


Power Generation... Powered by WIKAI



Part of your business

Powered by WIKA

For over 60 years WIKA has been a partner for power engineering worldwide. Temperature and pressure measuring instruments by WIKA are used in all fields of power generation, from large-scale power plants (coal-fired, nuclear power, hydropower) to peak-load electricity generation plants (gas turbine power plants) to decentralized systems (thermal power stations, wind power stations, biogas plants). The measuring technology for all of these applications has to meet requirements which are as diverse as its application fields.

Process Gauge, Field Liquid Fillable*

WIKA process gauges are specifically designed for the petrochemical and processing industries. These durable gauges are engineered to provide reliable service in harsh and rugged environments.

2XX.34

Size: 4½" (115 mm), 6" (160 mm)

Case: Black fiberglass reinforced thermoplastic

Ring: Threaded thermoplastic

Wetted parts:

21X.34 - brass; 23X.34 - 316 ss; 26X.34- Monel®

Window: Acrylic

Liquid filling: Dry (2X2.34); glycerine, silicone (2X3.34)

Accuracy: ±0.5% of span



232.34 shown

*Note: With membrane installed

Low Pressure Gauge

This low pressure DP gauge is designed to measure dry, clean non-aggressive gases and air. It is ideally suited to measure differential pressure in filtration systems, pressure monitoring for HVAC, air handlers and ventilation systems and for pressure monitoring of clean rooms, gas scrubbers and dust collection systems.

A2G-10, A2G-15

Nominal size: 4½" (115 mm)

Case: Fiberglass reinforced, thermoplastic

Display/measuring ranges:

0/0.25 inWC - 0/50 inWC
(Pa, kPa, mmWC, cmWC, mbar available in equivalent ranges)

Process connection: G 1/8 female

Movement: Magnetic assist, non-contact

Diaphragm material: Silicone

Window: Polycarbonate

Dial: Aluminum

Pointer and set pointer: ABS plastic

Power supply: 15 ... 35 V DC (A2G-15 only)

Electrical connection: PG gland M12 (A2G-15 only)

Accuracy: ± 3.0% of span



A2G-10 shown

Standard accessories:
- 1/8" / 3/16" hose barb adaptors
- set of case mounting screws

All Stainless Steel, Field Repairable, Field Liquid Fillable

Featuring all stainless steel construction, these industrial and process grade gauges ensure long service life in the harshest, most demanding environments. Typical applications include process and petrochemical industries that require high quality precision components.

232.54, 233.54

Size: 2½" (68 mm), 4" (100 mm)

Case: Stainless steel

Ring: Stainless steel bayonet, twist-on

Wetted parts: 316 stainless steel

Window: Safety glass

Liquid filling: Dry (232.54); glycerine, silicone (233.54)

Accuracy: ±2/1/2% of span (2½"); ±1.0% of span (4")



232.54 shown

Pressure Transmitters

The WIKA A-10 pressure transmitter is precision engineered and manufactured to fit many industrial and OEM applications. The rugged design provides resistance to vibration, shock, wide temperature variations, RFI and other extreme environmental conditions that are typical of industrial and OEM applications.

A-10

Ranges:
15 psi to 10,000 psi

Output:
4-20 mA, 0 - 10 V, 0 - 5 V, others

Accuracy:
≤ (+/-) 0.5% B.F.S.L.



Our Strengths

WIKA offers the largest standard product range of pressure and temperature measuring instruments worldwide. Additionally, WIKA continuously meets the specific demands of applications needing special requirements.

All-Welded System (AWS)

WIKA's All-Welded System is a drop-in retrofit for existing gauges. The all-welded, tamper-resistant construction is suitable for applications where emissions to the environment are tightly monitored. Industry studies have concluded this assembly significantly reduces gauge failure by a factor of 2.5.

M93X.D1

Size: 4½" (115 mm)

Case: Fiberglass reinforced thermoplastic

Wetted parts: 316L stainless steel, Monel®, Hastelloy® C-276

Window: Acrylic

Process: ½" NPT male connection

System fill fluid: Silicone, DC200-10

Liquid filling: Dry (M932.D1); glycerine or silicone (M933.D1)

Accuracy: ±1.0% of span

Options: Consult factory



Gas Actuated Thermometers

WIKA gas thermometers are easy to read, rugged, industrial thermometers. They provide accurate readings of extreme temperatures and can be remote mounted.

TI.R45

Dial: 4½" (115 mm), 6" (160 mm)

Case connection: Front flange, back flange, u-clamp, phenolic turret, direct reading adjustable angle

Connection: Variety of connection systems

Capillary lengths: to 99'

Ranges: -320°F(-200°C) to 1200°F(650°C)

Options:

Bendable extensions up to 18" with sliding union; copper bulb, capillary & braided armor; stainless steel bulb; capillary & spring armor; stainless steel interlocking armor; acrylic or shatterproof glass window



Twin-Temp™ Thermometers

WIKA's unique Twin-Temp™ thermometer combines the accuracy, reliability, and easy-to-read dial of a bimetal or thermometer with the precision readout and data acquisition capability of a thermocouple or RTD sensor. Twin-Temp™ provides two temperature sensors in one insertion point.

TT.32, TT.52

Size: 3", 5"

Case: Adjustable angle case or back-connected case

Stem: ¼" diameter

Length: T/C 2½" to 48"; RTD 4" to 48"

Connection: ½" NPT

Range: -100°F(-70°) to 550°F(260°C) in Fahrenheit, Celsius, and dual scale. Type K thermocouple or 100 Ohm RTD is standard. Types J, E, and T are optional.



TT.52 shown with enclosure head (TT.32 similar but with 3" dial)

Differential Gauges Dry or Liquid Filled

This piston-styled differential pressure gauge is used in measurement applications requiring high differential/static process pressures. This type gauge is suitable for measuring pressure drops across a variety of devices, including filters, strainers, separators and heat exchangers.

700.04 / 700.05*

Size: 2½", 4½"

Case & Bezel: Fiberglass reinforced thermoplastic

Sensor Housing: 316L stainless steel or anodized aluminum

Wetted Parts: Aluminum or 316 stainless steel & ceramic magnet

Window: Acrylic or shatter-resistant glass

Accuracy: ±2% of span (increasing)

*700.05 offers the addition of a separating diaphragm



700.05* - 2½"



700.04 - 4½"



For over 60 years, WIKAI Instrument Corporation has continued to globally advance pressure gauge, sensor and temperature instrumentation technology and applications. In the United States, WIKAI's operation utilizes state-of-the-art manufacturing technology and highly automated proprietary production equipment in its nearly quarter-million-square-foot facility in the metro Atlanta suburb of Lawrenceville, Georgia.



TT.52 Twin-Temp



232.34 Process Gauge

As the industry leader in lean manufacturing, WIKAI offers a wide variety of stock and customized instrumentation solutions for critical applications that are often distributed within days. WIKAI's customer service department recently earned the Operational Excellence Award for Leadership from one of North America's leading distributors of industrial maintenance, repair and operation replacement parts. Producing over 40 million gauges, diaphragm seals, transmitters, and thermometers worldwide annually, WIKAI has the most extensive product line in the industry.

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