

WIKATRONIC pressure transmitters



Part of your business
Pressure and Temperature Measurement

High Performance, Flexible Options, Quick Ship

These rugged pressure transmitters are designed for use in harsh environments where accuracy, reliability, and repeatability are critical.

S-10

Ranges

50 InWC to 15,000 psi, vacuum, compound, absolute

Output

4-20 mA 2-wire, 0-5 V 3-wire, 0-10 V 3-wire

Accuracy

≤0.25% B.F.S.L.

Datasheet: [S-10](#)



Low Cost General Purpose

The WIKA A-10 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.

Datasheet: [A-10](#)



Refrigeration and HVAC

The R-1 features stainless steel construction and a completely welded measuring cell. The economical AC-1 features a brass case and ceramic sensing element. Both provide condensation proof construction for long service life.

R-1, AC-1

Ranges

100 psi - 850 psi, compound

Outputs

4-20 mA, 0-10 V, 0.5 - 4.5 V ratiometric

Accuracy

<1% B.F.S.

Datasheets: [R-1](#), [AC-1](#)



OEM Severe Service

The MH-2 and OT-1 OEM pressure transmitters incorporate WIKA proprietary thin film sensors for exceptional performance, reliability, and extended operating life.

MH-2, OT-1

Ranges

100 psi to 8,000 psi

Outputs

4-20 mA, 1-5 V, 0-10 V, 0.5-4.5 ratiometric @ 5 V

Accuracy

≤0.5% B.F.S.L.

Datasheets: [MH-2](#), [OT-1](#)



Transmitter with Display and Switches

The PSD-30 features an integral red LED display that provides three-way adjustability for a wide variety of installation requirements. It is available with PNP or NPN solid state switches for intelligent control applications and meets VDMA standards for ease of programming.

PSD-30

Ranges

Vacuum, compound, and gauge ranges up to 8000 psi

Display

Red 4-digit LED, .35" high, 14 segments

Switch points

Solid state user programmable, NPN or PNP, single or dual

Datasheet: [PSD-30](#)



Submersible Liquid Level Transmitters

Submersible level transmitters have a watertight package suitable for applications in tank level measurement, water/wastewater treatment, and reservoir or well depth measurement. They are submersible up to 1,000 feet.

LH-10, LS-10, LevelGuard™

Ranges

50 InWC to 400 psi (LH-10)
50 InWC to 100 psi (LS-10)

Output

4-20 mA

Accuracy

0.25% - 0.125% B.F.S.L.



Datasheet: [LS_LH-10](#)



Hazardous Area Transmitters

The E-10 explosion-proof transmitter is an FM and CSA approved transmitter for Class I, Division I locations. The IS-20 intrinsically safe transmitter is FM, CSA and ATEX approved for Class I, Division locations.

E-10, IS-20-S

Ranges

50 InWC to 15,000 psi (E-10)
50 InWC to 15,000 psi, (IS-20), vacuum, compound, absolute

Output

4-20 mA or 1-5V low power

Accuracy

≤0.25% B.F.S.L.

Datasheets: [E-10](#), [IS-20-S](#)



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