

Pressure Gauges

General Purpose



Housing: Black Steel or Plastic
Movement: Brass
Element: Copper Alloy Bourdon Tube or Capsule Element
Connections: 1/8" & 1/4" npt & bsp (diameters to 63mm)
3/8" & 1/2" bsp & npt (diameters from 80mm)
Accuracy: Typically 1.6%
Nominal sizes: 40,50,63,80,100,160mm
Ranges: 0-25 mbar to 0-600bar
Mounting: Direct mount, radial bottom or back Panel mounting
Maximum Temp: 60 deg.C

Stainless Steel



Housing: Stainless Steel
Movement: Stainless Steel
Element: Steel Bourdon Tube
Connections: 3/8" & 1/2" bsp & npt
Accuracy: Typically 1%
Nominal Sizes: 100 & 160mm
Ranges: 0-25mbar to 0-4000bar
Mounting: Direct mount, back or bottom
Panel mounting
Accessories: Chemical Seals, Alarm Contacts,
Full Safety Pattern Design, Glycerine Filling
Maximum Temp: 150 deg.C

Differential



Housing: Stainless Steel
Movement: Stainless Steel
Element: Stainless Steel capsule or diaphragm
Connections: 1/4" & 1/2" bsp Stainless Steel
Accuracy: Typically 1.6%
Nominal Sizes: 100 & 160mm
Ranges: 0-4 mbar to 0-400 bar
Mounting: Direct mount, Panel Mount
Maximum Temp: 100 deg.C
Accessories: Chemical Seals, Alarm Contacts
Mounting Bracket, Glycerine Filling



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Diaphragm Gauges



Housing: Stainless Steel
Movement: Stainless Steel
Element: Full list available on request
Connection: 1/2" bsp or Flange Mounting
Accuracy: Diaphragm typically 1.6%
Nominal Sizes: 100 & 160mm
Ranges: Diaphragm 0-10mbar to 0-40bar
Seals - Depends on application
Mounting: Direct or remote (with seal)
Max Temp: Dependent on Application
Accessories: High over range protection, Alarm Contacts, Hygienic Fitting

Intelligent Digital Pressure Gauges



Housing: Polyamide Black
Wetted Parts: Stainless Steel
Power Supply: 3.6V Lithium Battery
Output: 4-20mA or 0-10V
Accuracy: 0.1% FS
Display: Pressure, Temperature, Min & Max, Duration
Ranges: 0-30 mbar to 0-1000 bar
Diameter: 76mm
Mounting: 1/4" bsp Direct radial mount
Maximum Temp: 60 deg.C
Accessories: EEx ia, Metal Housing

Intelligent Pressure Transmitter with Integrated Display



Housing: Stainless Steel
Wetted Parts: Stainless Steel
Power Supply: 12-50 VDC 2-wire
Output: 4-20mA & HART
Accuracy: 0.2% FS
Measuring: Differential Pressure or gauge
Ranges: -1 to 400 Bar
Turn Down: 1:20
Mounting: 1/2" bsp or Flanged
Maximum Temp: 55 deg.C
Accessories: HART, EEx ia
Exotic material wetted parts



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Pressure Gauge Accessories

Pressure Gauge Cocks



Closing flow between pipeline and pressure gauge.

Gauge cocks with test connection allow you to connect both pressure gauges and testing devices to the pipeline. Suitable for liquids, gases and steam.

Push Button Gauge Cock



Closing flow between the pipeline and the pressure gauge. Normally, the push-button cock is closed, i.e. the pressure gauge port is closed.

You push the button in order to apply pressure to the pressure gauge and to display the operating pressure. Suitable for gases.

Overpressure Safety Device



Adjustable overpressure safety device used to protect the system against peak pressures exceeding the maximum rating of the pressure gauge.

At measuring points which are subject to great pressure oscillations you can install different pressure gauges with different ratings in order to precisely measure even the lower pressures.

The overpressure safety mechanisms are set according to the maximum ratings of the pressure gauges installed.

Pressure Gauge Valves



Closing or reducing flow between the pipeline and the pressure gauge.

Valves with test connection allow you to connect both pressure gauges and testing devices to the pipeline. Suitable for liquids, gases and steam.



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