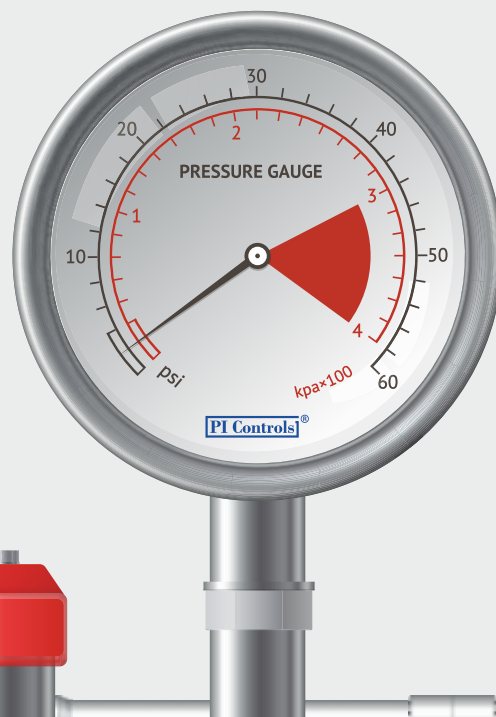
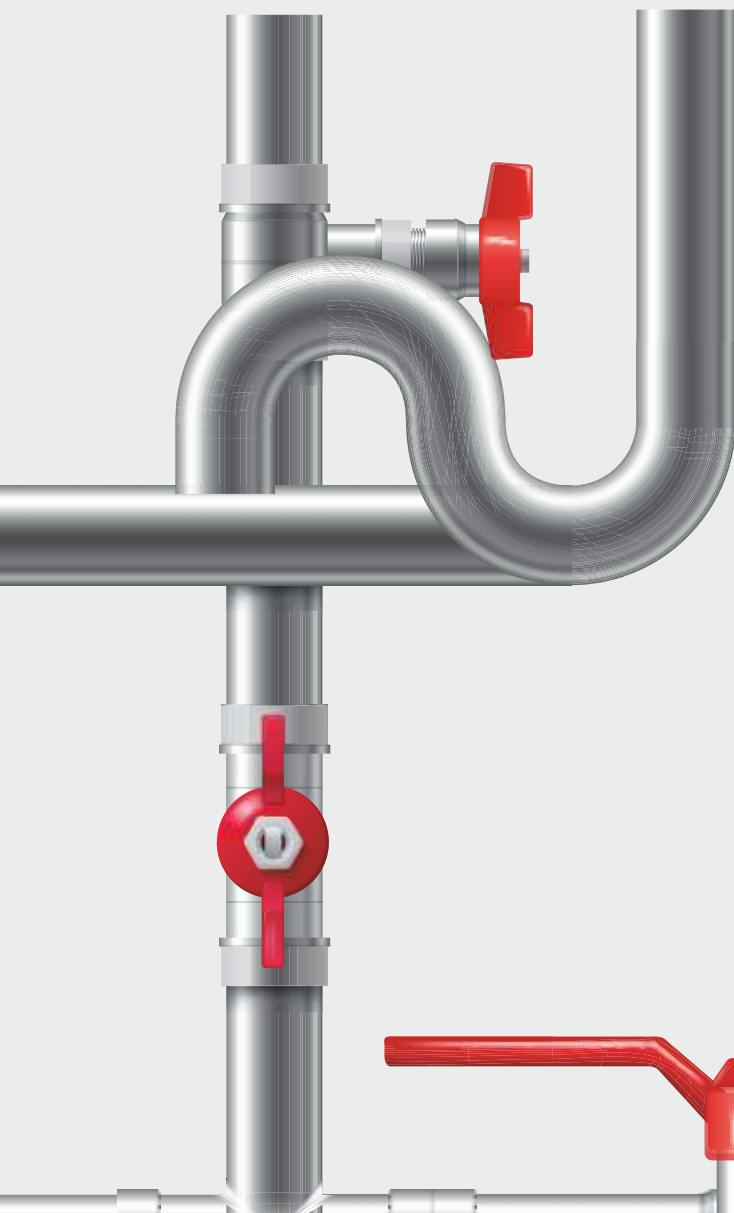


PI Controls®

PROCESS CONTROL & MEASURING INSTRUMENTS

(AN ISO 9001 : 2015 Certified Company)

-  Pressure
-  Temperature
-  Level
-  Instrumentation
Valves & Fittings





STANDARD FULL SS PRESSURE GAUGE

Dial Size	: 40mm, 50mm, 63mm, 80mm, 100mm, 125mm, 150mm & 250mm
Ranges	: -1 to 0...0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



SOLID FRONT FULL SS PRESSURE GAUGE

Dial Size	: 63mm, 100mm & 150mm
Ranges	: -1 to 0...0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



PHENOL CASE SOLID FRONT PRESSURE GAUGE

Dial Size	: 4.5"
Ranges	: -1 to 0...0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: ANSI B40.1



LOW PRESSURE CAPSULE PRESSURE GAUGES

Dial Size	: 63mm, 100mm & 150mm
Ranges	: -6000mmWC to 0.....250mmWC to 6000mmWC
Wetted Parts	: SS 316
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



SS CASE BRASS PRESSURE GAUGE

Dial Size	: 40mm, 50mm, 63mm, 80mm & 100mm
Ranges	: -1 to 0...0.6 to 700bar
Wetted Parts	: Copper Alloy
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6 & CL 2.5
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, IS 3624 & other National / International Standards



LOW PRESSURE DIAPHRAGM PRESSURE GAUGES

Dial Size	: 100mm & 150mm
Ranges	: -1bar to 0.....250mmWC to 16bar
Wetted Parts	: SS 316, Monel & Hastelloy 'C-276'
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



ELECTRIC CONTACT STANDARD FULL SS PRESSURE GAUGE

Dial Size	: 100mm&150mm
Ranges	: -1 to 0....0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards
Contact Type	: Magnetic Snap Action & ATEX Inductive Contact
No. of Contacts	: Single, Double & Triple Contacts for ON / OFF action\



ELECTRIC CONTACT HI-CASE FULL SS PRESSURE GAUGE

Dial Size	: 100mm & 150mm
Ranges	: -1 to 0....0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards
Contact Type	: Magnetic Snap Action & ATEX Inductive Contact
No. of Contacts	: Single, Double & Triple Contacts for ON / OFF action



TRANSMITTER FULL SS PRESSURE GAUGE

Dial Size	: 100mm & 150mm
Ranges	: -1 to 0....0.6 to 600bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5(Transmitter)
Transmitter	: 2 Wire,24VDC
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



DIFFERENTIAL PRESSURE GAUGES – SINGLE & DOUBLE DIPHRAGM

Type	: Single & Double Diaphragm
Dial Size	: 100mm & 150mm
Ranges	: -6000mmWC to 0.....250mmWC to 16bar
Static Pressure	: 60 bar (Single Diaphragm) & 100bar (Double Diaphragm)
Wetted Parts	: SS 316, Monel & Hastelloy 'C-276'
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6& CL 2.5
Standard followed	: EN837-3 & other National / International Standards



DIFFERENTIAL PRESSURE GAUGES – PISTON OPERATED

Dial Size	: 63mm, 100mm & 150mm
Ranges	: 25mbar to 4bar
Static Pressure	: 200bar
Wetted Parts	: SS 316
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6 & CL 2.5



BIMETAL TEMPERATURE GAUGE

Dial Size	: 63mm, 80mm, 100mm, 125mm&150mm
Ranges	: -100°C to 0...50°C to 650°C
Stem Sizes	: 6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	: Bottom, Back, Elbow & Every Angle
Accuracy	: CL 1.0
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN13190 & other National / International Standards



INERT GAS FILLED TEMPERATURE GAUGE

Dial Size	: 100mm, 125mm & 150mm
Ranges	: -100°C to 0...50°C to 650°C
Stem Sizes	: 6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	: Bottom, Back, Every Angle and with mounting bracket accessories
Stem Mounting	: With Capillary & without Capillary
Accuracy	: CL 1.0
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN13190 & other National / International Standards



INERT GAS FILLED ELECTRIC CONTACT TEMPERATURE GAUGE

Dial Size	: 100mm, 125mm & 150mm
Ranges	: -100°C to 0...50°C to 650°C
Stem Sizes	: 6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	: Bottom, Back, Every Angle and with mounting bracket accessories
Stem Mounting	: With Capillary & without Capillary
Accuracy	: CL 1.0
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN13190 & other National / International Standards
Contact Type	: Magnetic Snap Action & ATEX Inductive Contact
No. of Contacts	: Single, Double & Triple Contacts for ON / OFF action

THERMOWELL



Construction	: Barstock, Fabricated
Connection	: Threaded, Flanged, Sanitary etc.
Material	: Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum



RESISTANCE TEMPERATURE DETECTOR

Connection	: Fixed, Adjustable, Nipple, N-U-N, Flanged & Threaded
Accuracy	: Class A, Class B
Element	: Pt100, Pt500 & Pt1000
Sheath	: Mineral Insulated Cable
Enclosure	: Aluminium, SS with IP65, IP66, IP67, IP68, Ex-proof, Flameproof, ATEX



THERMOCOUPLE

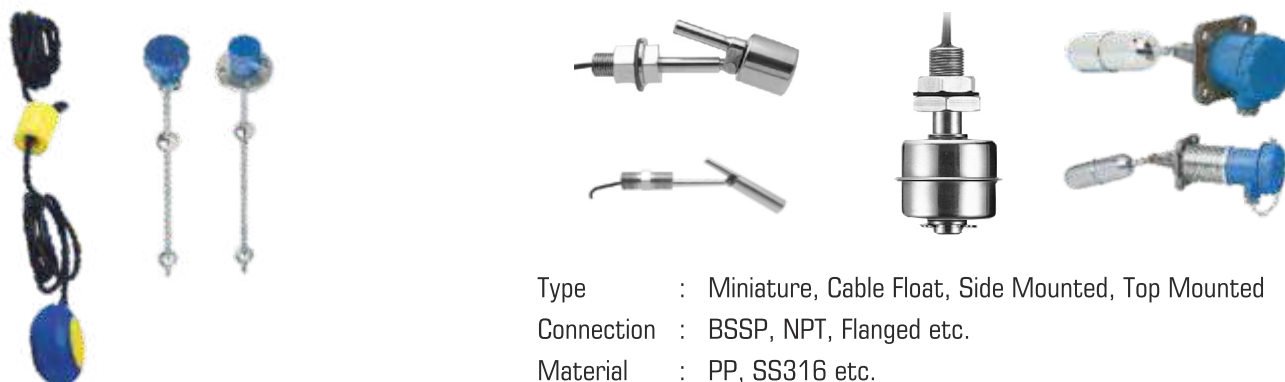
Connection	: Fixed, Adjustable, Nipple, N-U-N, Flanged & Threaded
Accuracy	: Class 1
Element	: J, K, T, E, N, R, S, U, B
Sheath	: Mineral Insulated Cable
Sheath Material	: SS 316, SS310, SS446, Inconel 600, Inconel 800
Enclosure	: Aluminium, SS with IP65, IP66, IP67, IP68, Ex-proof, Flameproof, ATEX

LEVEL INDICATORS



Type	: Tubular, Reflex, Transparent, Magnetic By-pass, Float & Board
Connection	: Connection: BSSP, NPT, Flanged etc.
Material	: PP, SS316, Carbon Steel etc.

MAGNETIC LEVEL SWITCH



Type	: Miniature, Cable Float, Side Mounted, Top Mounted
Connection	: BSSP, NPT, Flanged etc.
Material	: PP, SS316 etc.



BALL VALVE

Material : SS304, SS316, SS316L etc.

Connection : BSPP, NPT etc.

Pressure rating : 1500 psi, 3000 psi & 6000 psi



NEEDLE VALVE

Type : Isolation, Single Block & Bleed, Double Block & Bleed, Multiport

Connection : BSPP, NPT etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure : 6000 psi, 10000 psi & 15000 psi etc.



MANIFOLDS

Type : 2-WAY, 3-WAY, 4-WAY, 5-WAY, DISTRIBUTION

Connection : BSPP, NPT, Coplanar etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure : 6000 psi, 10000 psi & 15000 psi etc.



MONOFLANGE

Type : Single Block & Bleed, Double Block & Bleed

Connection : Flanged as ANSI, EN etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure Rating : As per Flange size & rating

INSTRUMENTATION FITTINGS



Male Connector



Cross



Elbow



Tee



Union

**GAUGE COCK**

Type : 2-Way or 3-Way
 Material : SS304, SS316, SS316L etc.
 Connection : BSPP, NPT etc.
 Pressure Rating : 100 bar

**SIPHON**

Type : Coil, Pigtail(Q), U
 Material : SS304, SS316, SS316L etc.
 Connection : BSPP, NPT etc.
 Pressure Rating : According pipe size & schedule

**GAUGE SAVER**

Type : Bellow, Piston
 Range : 0.6 bar to 400 bar
 Material : SS304, SS316, SS316L, Monel, Hastelloy 'C-276' etc.
 Connection : BSPP, NPT etc.
 Pressure Rating : 600 bar

**PULSATION DAMPENER**

Type : Adjustable Screw
 Material : SS304, SS316, SS316L, Monel, Hastelloy 'C-276' etc.
 Connection : BSPP, NPT etc.
 Pressure Rating : 400 bar

**FLUSHING RING**

Type : Bellow, Piston
 Material : Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum
 Connection : In-built with Seal, As per Flange Size & rating

DIAPHRAGM SEAL

Type : Insert Diaphragm, Flush Diaphragm, Extended Neck, I-Section
 Connection : Threaded, Flanged as per ANSI or API and National / International Standard
 Ranges : -1bar to 0....0.6 bar to 1000bar
 Diaphragm : SS 316L, Monel, Inconel, Hastelloy 'C-276', PTFE, Titanium, Tantalum etc.
 Flange/Connection : Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

PI Controls[®]

PROCESS CONTROL & MEASURING INSTRUMENTS

Partners in Growth



PI Controls Instruments Pvt. Ltd.

(AN ISO 9001 : 2015 Certified Company)

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