

Baumer / Bourdon Process Instrumentation Brief Catalogue

Today Bourdon®, Baumer®, world's leading Brands for Mechanical Process Instrumentation, belongs to its International group of companies - Baumer Group.

The company is founded by Eugene Bourdon. Baumer Bourdon-Haenni S.A.S in Vendome in France, Baumer Electric AG in Kirchberg in Switzerland, Bourdon-Haenni GmbH in Stockach in southern Germany and Baumer Technologies in India are centers of competence for Bourdon & Baumer PI business. Baumer Technologies have state-of-art manufacturing facility in Vapi, Gujarat.

We have precision machine center laced with COBOT operating CNC's and other latest equipment's. Our manufacturing range includes Pressure Gauges, Temperature Gauges, ATEX certified RTD, TC's, Mechanical Level, Switches, Valve Manifolds and Accessories. We also produce customized products for OEM's and for various Applications.

Original Bourdon



BAUMER TECHNOLOGIES INDIA PVT. LTD.

Kanakia Wall Street,
'B' Wing, 401 & 402,
Andheri Kurla Road, Chakala,
Andheri (East), Mumbai - 400093.
Telephone No. : +91 22 4887 4000
Email : info.in@baumer.com
Website : www.baumer.com



AD / AL

All Stainless Steel

Nominal Size : 50/63/100/125/150/200/250mm
Wetted parts : AISI 316L SS
Accuracy class : 2.5/1.6/1/0.5
Range : up to 1600 bar



MAG

Solid forged-brass gauge

Nominal size : 63/100 mm
Case Forged Brass : E-coated
Sleeve : Gold-plated ABS (2.5")
Chrome-plated brass ring (4")
Accuracy class : 1.6/1
Range : up to 1000 bar



AR

All stainless Steel

Nominal Size : 150/200/250 mm
Socket : AISI 316L SS
Bourdon : Beryllium Copper
Accuracy class : 0.25
Range : up to 1000 bar



4001 High Pressure

All stainless Steel, 9/16" Autoclave Connection

Nominal Size : 100/150 mm
Wetted part : AISI 316L SS
Accuracy : 1
Range : up to 2100 bar



AF

All Stainless Steel Capsule type

Nominal Size: 63/100/125/150 mm
Wetted Parts : AISI 316 SS
Accuracy class : 1.6
Range : up to 6000 mmWC



AP

All Stainless Steel Diaphragm type

Nominal Size : 100/150 mm
Diaphragm : AISI 316L SS
Accuracy class : 1.6
Range : up to 10 bar



BQ

All Stainless steel Bellow type DPG

Nominal Size : 150 mm
Wetted part : AISI 316L SS
Accuracy class : 1.6 / 1 (depending on range)
Range : up to 6 bar



MPG / AH

PBT/PP case with SS internals

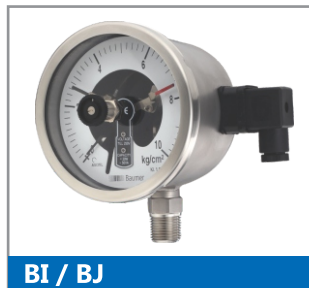
Nominal size : 4 1/2"
Case : PBT/PP
Wetted parts AISI 316L
Accuracy : Grade 2A (according ASME B40.100, ±0.5%)
Range : up to 1600 bar



1000 Series

Piston/Diaphragm type DPG

Case : AISI 304 SS/Aluminium
Diaphragm : Buna-N, Viton, EPDM
Piston : Stainless Steel
Accuracy : class 3
Range : 50mmWC to 70 Bar



BI / BJ

All SS pressure Gauge

Electric Contact type
Nominal Size : 100/150 mm
Wetted part : AISI 316L SS
Accuracy : class 1
Range : up to 1600 bar



DG / DO / DB

Threaded type Seal

Fill Fluid : Silicon DC200, SV Sigma, Food grade oil, Halocarbon oil & others on request
Wetted parts : AISI 316L/Monel/Hastelloy C/Tantalum/Titanium/PTFE



DI / DK / DJ

Flange type Seal

Fill Fluid : Silicon DC200, SV Sigma, Food grade oil, Halocarbon oil & others on request
Wetted parts : AISI 316L/Monel/Hastelloy C/Tantalum/Titanium/PTFE



MAX3 / MAX5

Stainless Steel with Copper alloy internal

Nominal Size : 63/100 mm
Wetted parts : Copper Alloy
Accuracy class : 1.6/1
Range : up to 1000 bar



UT

Bellow type

Nominal Size : As per Catalogue
Wetted parts : Phosphor Bronze
Repeatability : ±2% F. S.
Range : up to 30 bar



ZPDW(X) / ZPPW(X)

Diaphragm / Piston

Body material : Die Cast Aluminum
Wetted part : AISI 316 SS
Repeatability : ±0.5% F. S.
Range : up to 400 bar



ZDDW (X)

Diaphragm type

Body material - Die Cast Aluminum
Wetted part : AISI 316 SS
Repeatability : ±0.5% F. S.
Range : up to 25 bar

**R01**

RTD Assembly with adjustable connector (compression fitting)
 Sensor : Pt 100, PT 500 & PT 1000
 Enclosure : Die Cast Aluminium
 Sheath Material : AISI 316 SS
 Configuration : 2/3/4 Wire

**R02**

RTD assembly with NUN
 Sensor : Pt 100, PT 500 & PT 1000
 Enclosure : Die Cast Aluminium
 Sheath Material : AISI 316 SS
 Configuration : 2/3/4 wire
 ATEX/IEC Ex Exd and Exe Certified

**T01**

Thermocouple Assembly with Fixed/ Adjustable
 Enclosure : Die cast Aluminium
 Sheath Material : AISI 316 SS, AISI 304 SS
 Elements type: Simplex/ Duplex
 ATEX/IEC Ex Exd and Exe Certified

**T02**

Ceramic Thermocouples - R, S & B type
 Sheath Material : AISI 316 SS, AISI 304 SS
 Elements type : Simplex/Duplex
 Cable Gland : single compressor/ double Compressor

**CA**

Type: Gas Filled
 Nominal Size : 100, 125, 150, 200, 250 mm
 Case Material : AISI 304 SS (optional AISI 316 SS)
 Accuracy : Class 1
 Range : - 80 to 650° C

**CB**

All SS, Bimetal Thermometer
 Nominal Size: 40/50/63/80/100/125/150
 Case Material : AISI 304 SS (optional AISI 316 SS)
 Accuracy : Class 1
 Range : - 80 to 500° C

**W1**

Bar Stock- Screwed
 Type- Straight, Straight Reduced Tip, Partial Taper, Full Taper
 Connection: 3/8' to 1" BSP/NPT
 Material of constructions : AISI 304 SS, AISI 316 SS, Hastelloy C, Monel, Inconel

**W2**

Bar Stock-Flanged
 Type- Straight, Straight Reduced Tip, Partial Taper, Full Taper
 Connection: 3/8' to 1" BSP/NPT
 Material of constructions : AISI 304 SS, AISI 316 SS, Hastelloy C, Monel, Inconel

**W6**

Bar Stock- Threaded / Flanged
 Type : Vanstone Type
 Material of constructions: AISI 304 SS, AISI 316 SS, Hastelloy C, Monel, Inconel
 Connection: 1/2" to 3" flanged

**FLEXTOP**

2202/2203- Non HART 4-20 mA output
 2222- HART Universal transmitters
 4-20 mA output
 Accuracy 4...5°C
 Ex ia IIC T5/T6 , ATEX II 1 G
 PC datalogging
 Engineering unit °C or °F

**SV8**

Universal Unit Display
 I/P: Current, MilliVolt, Ohms
 Size : 48* 48
 Alarms : 2nos
 Accuracy : ±0.3% of FS ±2 digits

**I/P Converter 500X**

I/P Converter
 I/P : 4-20 mA and O/P : 3-9; 9-15; 3-15; 3-27 psi etc.
 Port Size : Pneumatic : 1/4 : NPT
 Electric : 1/2" NPT
 Response Time : 0.25 sec
 Media : Oil free, clean dry air filtered to 40 micron

**NV4**

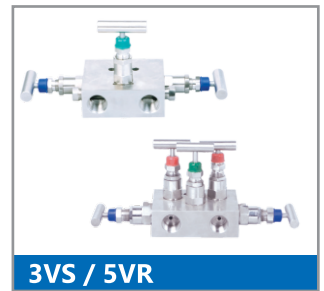
Needle Valve
 Material : Stainless Steel/Duplex/ Super Duplex/Monel 400/ Inconel 625/Hastelloy C
 Working Pressure : 6000 PSI (optional 10000 PSI)
 Working Temp: 240°C
 Size : 1/4" to 3/4"
 Connection : Threaded/SW

**BV4**

Ball valve
 Material : Stainless Steel/Duplex/ Super Duplex/Monel 400/ Inconel 625/Hastelloy C
 Working Pressure : 3000 PSI Standard (optional 6000 PSI with Square body)
 Working Temp: 240°C
 Size : 1/4" to 3/4"
 Connection : Threaded/SW

**2VT**

Two Valve Manifold
 Material : Stainless Steel/Duplex/ Super Duplex/Monel 400/ Inconel 625/Hastelloy C
 Working Pressure : 6000 PSI (optional 10000 PSI)
 Working Temp : 240°C
 Size : 1/4" to 3/4"
 Connection : Threaded

**3VS / 5VR**

Three/Five Valve Manifold
 Material : Stainless Steel/Duplex/ Super Duplex/Monel 400/ Inconel 625/Hastelloy C
 Working Pressure: 6000 PSI
 Working Temp: 240°C
 Size : 1/4" to 1/2"
 Connection : Threaded



LA

Side Mounted Float Operated Level Switch

Material of Float : AISI 316 SS
Temp : 100°C
Pressure : 18 bar
Switch rating : 5A/250VAC



LB

Miniature Float Operated Level Switch Side/Top mounted

Material of Float : AISI 316 SS
Temperature : 100°C
Pressure : 10 bar
Switch rating : 0.5 Amp



LC

Top Mounted Float Operated level Switch

Material of Float : AISI 316 SS
Temperature : 100°C
Pressure : 10 kg/cm²
Range : 200 to 2500 mm



LZ

Top Mounted Cable Float Level Switch

Material of Float : Polypropylene
Temp : 60°C
Pressure : 4 bar
Cable Length : available from 3 Mtrs to 35 Mtrs



LD

Magnetic Level Indicator Side mounted / Top mounted

Material : Stainless Steel, Polypropylene, Inconel 625
Connection : Flanged or Screwed
Temperature : upto 400°C
Pressure : upto 80 kg/cm²g



LE

Side Mounted Glass Level Gauges Reflex / Transparent

Material : Carbon Steel, Stainless Steel, Duplex
Connection : Flanged or Screwed
Temperature : upto 400°C
Pressure : upto 150 kg/cm²g



LG

Side Mounted Tubular Level Gauge

Material : Carbon Steel, Stainless Steel, Polypropylene
Connection : Flanged or Screwed
Temperature : upto 200°C
Pressure : upto 10kg/cm²g



LR

Top Mounted Level Transmitter Reed Chain type (4-20ma output)

Material : SS316
Connection : Flanged
Temperature : upto 100°C
Pressure : upto 10Kg/cm²g

Customers:

