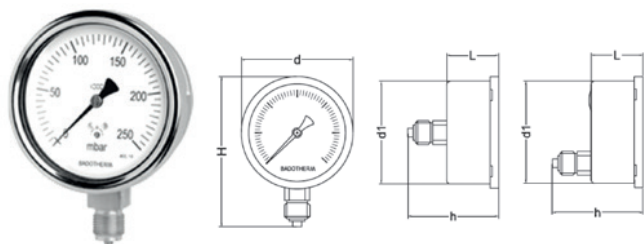


# Low Pressure

## Capsule Diaphragm



### CAPSULE PRESSURE GAUGES FOR GASES

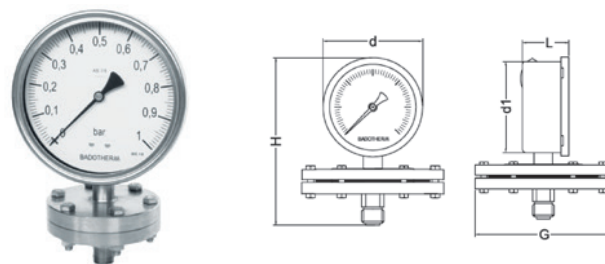
Capsule pressure gauge model BDT9-18 is available in standard ranges from 16mbar up to 600 mbar. The gauges are suitable for corrosive environments and gaseous media that will attack copper alloys. This pressure gauge is typically used for applications in the chemical, petro-chemical, oil & gas, power and utilities, machine building and general process industries.

### GENERAL FEATURES BDT9-18

<b>Capsule:</b>	AISI316
<b>Process connection:</b>	AISI316(L)
<b>Case and Bezel:</b>	AISI304
<b>Movement:</b>	Stainless Steel
<b>Pointer:</b>	Adjustable slotted in aluminum
<b>Dial:</b>	White aluminum, black markings
<b>Seals &amp; gaskets:</b>	NBR
<b>Window:</b>	Glass
<b>Process size conn.:</b>	1/4" -1/2" BSP or NPT

### PI FEATURES

- Measure from 16 mbar up to 25 bar (6" H2O up to 360 psi)
- Available in Stainless steel
- Select from 63mm. to 160mm. (2.5" to 6") dials and dozens of options



### DIAPHRAGM PRESSURE GAUGES

Pressure gauge model BDT12 is a diaphragm type pressure gauge and suitable for all gaseous and liquid media, as well as for viscous media and suspended solids. This pressure gauge is typically used for applications in the chemical, petro-chemical, oil & gas, power and utilities, machine building and general process industries. These gauges can be made with flanged connections according ANSI, DIN, and JIS standards.

### GENERAL FEATURES BDT12-18

<b>Diaphragm:</b>	AISI316
<b>Process connection:</b>	AISI316(L) / Duratherm
<b>Case and Bezel:</b>	AISI304, bayonet
<b>Movement:</b>	Stainless Steel
<b>Pointer:</b>	aluminium
<b>Dial:</b>	White alluminum, black markings
<b>Seals &amp; gaskets:</b>	NBR
<b>Window:</b>	Laminated safety glass or plastic
<b>Process size conn.:</b>	1/4" -1/2" BSP or NPT
<b>Certifications:</b>	ATEX EX II 2GD C

SERIES NUMBER CASE DIAMETER	SENSOR ELEMENT TYPE	ACCURACY (VFS)	SCALE RANGE (bar)		MAX UNWORKING PRESSURE	OPERATING TEMPERATURE		MOUNTING POSITIONS	DIMENSIONS (mm)					
			MINIMUM RANGE	MAXIMUM RANGE		AMBIENT	PROCESS		d	d1	L	H	h/G	weight (kg)
BDT9-63	capsule	1,6 %	16 mbar	600 mbar	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	68	63	42	88	63	0,18
BDT9-100	capsule	1,6 %	16 mbar	600 mbar	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	11	10	49	14	82	0,53
BDT9-160	capsule	1,6 %	16 mbar	600 mbar	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	16	14	50	20	84	1,02
BDT12-01-100	diaphragm	1,6 %	25 mbar	400 mbar	F.S.*	-40°C ... +90°C	200°C	A	110	100	50	200	160	2,32
BDT12-01-160	diaphragm	1,6 %	25 mbar	400 mbar	F.S.*	-40°C ... +90°C	200°C	A	160	150	52	250	160	3,36
BDT12-100	diaphragm	1,6 %	600 mbar	25 bar	F.S.*	-40°C ... +90°C	100°C	A	11	10	50	20	108	2,14
BDT12-160	diaphragm	1,6%	600 mbar	25 bar	F.S.*	-40°C ... +90°C	100°C	A	16	15	52	25	108	4,17

\*if fluctuating is 0,9% x v.f.s