

pressure gauge overpressure protectors BDT 49

Adjustable overpressure protectors are used to protect pressure gauges and sensors against the effects of pressures exceeding their maximum rating. They allow low pressures to be measured with great accuracy by a gauge whose rating is less than the maximum pressure that could occur in the process, and without damaging the gauge by too high a pressure. Each protector is adjusted to the maximum permissible pressure that the gauge to which it is fitted will withstand, and will automatically shut off the gauge if this pressure is exceeded. The valve will remain closed until the system pressure drops approx 30% below the closing pressure, where upon the force of the spring will open the valve.



BDT49

Type	Range adjustable	Max pressure	Max temp	Instrument side	Process side
BDT49 AISI316	0.2-1.5 bar	400 bar	80 °C mm	bsp, npt,	bsp, npt,
	1-4 bar 4-16 bar 10-40 bar 30-80 bar 60-160 bar 100-400 bar	1000 bar			

Note* 1/2" BSP and 1/2" NPT are standard instrument connections.
Special executions on request.

pressure gauge surface mounting bracket BDT 40

Surface mounting brackets are intended to provide a means of mounting a pressure gauge or thermometer that cannot be fitted with a back flange and cannot be mounted direct against a wall.

Several extension sizes are available as instrument diameter and design may require. To fit the bracket requires an adaptor that is fitted on the instrument connection and then placed into the mounting bracket.



BDT40

Type	Material	Instrument side	Length extension	Max weight	Process side
BDT40 bracket	Aluminium		60 mm	0.15 kg	
			100 mm	0.18 kg	
			160 mm	0.26 kg	
BDT40 bracket	AISI316		60 mm	0.17 kg	
			100 mm	0.21 kg	
			160 mm	0.26 kg	
BDT41 adaptor	AISI316 brass	bsp, npt. bsp, npt.			bsp, npt. bsp, npt.

Note* 1/2" BSP and 1/2" NPT are standard instrument connections.
Special executions on request.