

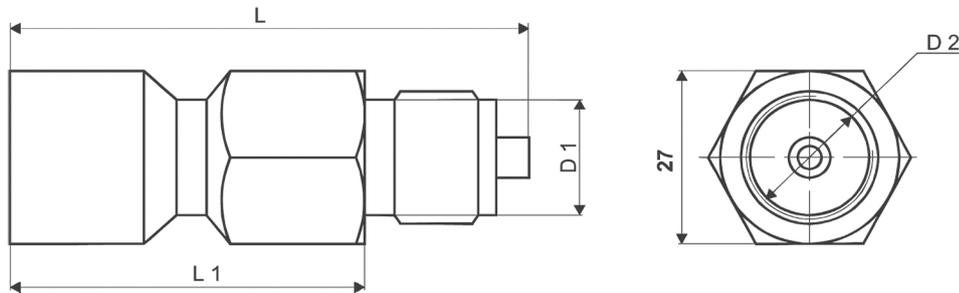
TTR 1 ... TTR 9 PRESSURE SNUBBERS

TTR series pressure snubbers were designed specifically for pressure transmitters with piezoelectric sensors that typically survive 4X overpressure. At the start of any technological line, even under normal operating conditions, there can occur high-intensity brief shocks that can lead to the transmitter's failure.

Pressure snubber has a multichamber design. Specialists working with BD SENSORS have studied data covering several years and did on-site checkups; they found that 2/3 of pressure transmitters made by various companies are damaged by hydraulic shocks. Tests showed that TTR pressure snubber can effectively stop hydraulic shocks lasting up to 20 ms. At 4X overpressure, the duration of the shock can be up to 100 ms.

There are several versions of pressure snubbers that differ in port dimensions. The standard body of a snubber is made of steel with a nickel-plated surface. On request, we can make a stainless steel housing. The maximum operating temperature and storage temperature is 95 °C. The maximum pressure is 70 MPa.

Dimensions



MOUNTING RECOMMENDATIONS

With pressure transmitters, you need to use a condensate collection tube (impulse tube); the operating temperature of the medium should not exceed 95 °C

We recommend putting a valve before the TTR or before the impulse tube. The valve simplifies mounting and dismantling of both the pressure transmitter and snubber, as well as their cleaning and maintenance. You need a 27 key to mount the TTR.

Pressure snubber needs servicing after 12 months of operation. Servicing is essentially cleaning the snubber.

The manufacturer's warranty does not apply to pressure snubbers that got broken due to contamination received from the medium.

Ordering code	Dimensions			
	L (mm)	L1 (mm)	D1	D2
TTR 1	70,5	50,5	M20x1,5 EN 837	M20x1,5
TTR 2	70,5	50,5	M20x1,5 EN 837	G 1/2"
TTR 3	63,5	43,5	M20x1,5 EN 837	G 1/4"
TTR 5	70,5	50,5	G 1/2" EN 837	M20x1,5
TTR 4	70,5	50,5	G 1/2" EN 837	G 1/2"
TTR 7	63,5	43,5	G 1/2" EN 837	G 1/4"
TTR 8	63,5	50,5	G 1/4" EN 837	M20x1,5
TTR 9	63,5	50,5	G 1/4" EN 837	G 1/2"
TTR 6	56,5	43,5	G 1/4" EN 837	G 1/4"