



## **Pressure measurement**

# Model 7377 Pressure gauge valve - 316Ti stainless steel



#### **Specifications**

Connection: BSPP male/female thread (cylindrical threading according to ISO 228-1) Operating pressure: PN25 Temperature range: -20°C to +50°C Material: 316 Ti stainless steel



CE

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**COUPE A-A** 





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#### Model 473773-1/2F: 1/2" BSPP female/female

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### Use

A pressure gauge valve can be positioned upstream from a pressure gauge and be used to isolate it. You must use a pressure gauge gasket that complies with EN 837-1 (model **7305** in our catalogue) to make sure the connection between the valve and the pressure gauge is sealed correctly.

Model **473773-1/2** contains an adjusting nut that complies with the DIN 16283 standard. This nut has a right-hand thread (RH) on one side and a left-hand (LH) thread on the other. This makes it possible to orientate the pressure gauge in any direction.

These 2 pressure gauge valve models have a  $\emptyset$ 3mm bleed hole in the centre of their body (image **A**).

The conical plug has a  $\mathbf{T}$ -shaped bore and you can check its position using the visual indicator on top of it (images **B** and **C**).

During pressure measurement the bleed hole is closed (image **B**). The position of the conical plug allows fluid to flow freely from the process piping to the pressure gauge so that its pressure can be measured.

During a maintenance operation on the measuring instrument, this instrument needs to be cut off from the process piping. The position of the conical plug means that only the pressure gauge is connected to the bleed hole (image C).

N.B. Be careful when you move the handle – make sure you do not connect the process piping directly to the bleed hole.

Connection: (inches)	Max. pressure: (bar)	Part number
1/2" BSPP male/female	25	473773-1/2
1/2" BSPP female/female	25	473773-1/2F



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