

## PRESSURE GAUGES PURCHASING & INSTALLATION

### Pressure connection

The positions of the connections can be chosen in the technical sheets. Thread forms and sizes are as shown in the table below. The different screw threads are parallel thread with symbol BSP or G, according to ISO 228-1, and taper pipe threads with symbol NPT according to ANSI/ASME B1.20.1. Of course are other threads like SAE flair, specific to certain industries deliverable. The connections can be made of hexagon, square or flats

#### PARALLEL PIPE THREADS

G 1/8" B

G 1/4" B

G 3/8" B

G 1/2" B

#### TAPER PIPE THREADS

1/8 -27 NPT EXT

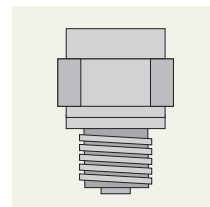
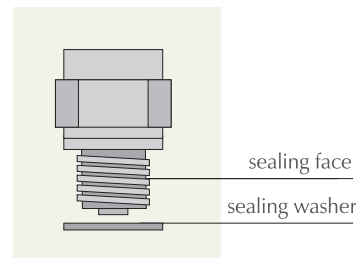
1/4 -14 NPT EXT

1/2 -14 NPT EXT

Note: G3/8" B is not preferred.

With parallel thread the pressure seal is made on the sealing face using a sealing washer which is compatible with the fluid.

With NPT thread the pressure seal is normally made by the fitting of the thread, but it is common practice to apply material to the male thread before assembly.



### Important

All pressure gauges sealed for the purpose of liquid-filling have a device to assure atmospheric compensation.

A sticker glued on the case shows how to open after installation. See illustration below.

If this device is not opened severe personal damage may be caused when operating.

For all standard gauges on request the sticker without illustration as shown alongside can be stuck on the casing. Please specify with ordering.



AFTER INSTALLATION

Pressure Relief Vent Cut  
Before use.

**WARNING :** A failure resulting in injury or damage may be caused by pressure beyond top of scale, excessive vibration, pressure pulsation, excessive instrument temperature, corrosion of the pressurized parts, or other misuse. Refer to ASME. B40.1.

**DO NOT USE ON OXYGEN SERVICE**