OBS Series Installation Instructions

truflo®

⚠ Always Pressure Test for Leaks to Ensure All Connections are Sealed



Applicable Standards:

EN 837-1	Bourdon tube pressure gauges, dimensions, metrology, requirements and testing.
EN 837-2	Selection and installation recommendations for pressure gauges.
ASME B40.100	Pressure gauges and gauge attachments
2014/68/EC	Pressure equipment directive.
Specifications:	Refer to Truflo OBS Series data sheet

1. SAFETY

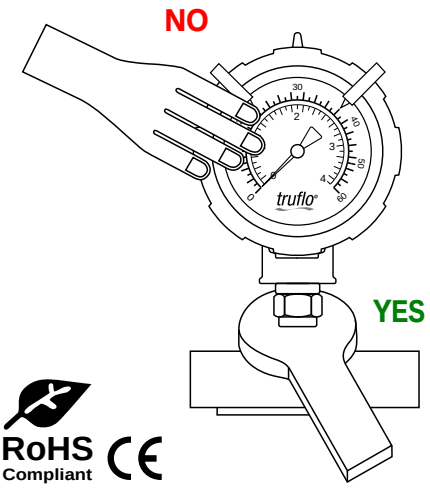
⚠ WARNING! ⚠

Before installation be certain the appropriate gauge has been selected considering operating pressure/full scale pressure/proof pressure, wetted material requirements, media compatibility, operating temperature, vibration, pulsation, desired accuracy and any other gauge component related to the service application (including the potential need for pro-tective attachments and/or special installation requirements). Failure to do so could result in equipment damage, gauge failure and/or personal injury. Only qualified personnel should be permitted to install and maintain pressure gauges.

2. INSTALLATION

When installing the gauge connection into the application, use the wrench area (above the threaded portion) to thread in and tighten the gauge. Do not use the gauge case to install the gauge. This could result in loss of accuracy, excessive friction, or mechanical damage to the pressure element or gauge case.
The gauge connection must be compatible with the mating connection and must be assembled appropriately. If the mating parts do not seal completely, a sealing material may be considered.

⚠ Always Test System for Leaks to Ensure All Connections are Properly Sealed



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After installation the vent plug can be cut to relieve internal pressure changes in the gauge case that otherwise would have been induced by environmental changes in pressure and/or temperature. Without being vented this change in internal pressure could adversely affect the accuracy of the gauge. If liquid filled, only open vent plugs when the plug is oriented in the vertical position.



3. STORAGE
Gauge should remain in original packaging until installation. This will protect from mechanical damage as well as environmental conditions.

4. MAINTENANCE/REPAIRS
Check regularly to ensure the gauge is in good working order. When removing the gauge from the application make sure there is no pressure in the system and all system media has been isolated from the gauge. If gauge is damaged or out of calibration a new gauge must be installed.
These gauges are not to be re-calibrated.
Misuse or misapplication of this gauge could result in gauge failure, equipment damage and/or personal injury.

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