

Brannan instruction sheet

INSTRUCTIONS FOR INSTALLATION OF PRESSURE GAUGES

	• The safety design of the gauge shall be selected in consideration of safety requirements of the specific application, refer to EN 837-2. • Gauges for use with oxygen or acetylene must be of safety pattern type & the dial will be marked with the letter S and either the word 'oxygen' or 'acetylene'. • Where a blowout device is fitted, leave a minimum 20mm clearance.
	• Before installing the gauge ensure the appropriate pressure gauge has been selected in terms of pressure range, design, and suitable wetted parts for the pressure medium. • Do not use a pressure medium that will corrode the wetted parts. • Do not use a solidifying pressure medium – a diaphragm is recommended. • If using on vibrating equipment, we recommend a glycerine filled gauge or remote installation where appropriate. • Do not subject the gauge to pressure spikes. • Do not use the gauge outside of its operating temperatures.
	• Special installation requirements must be followed for hazardous pressure mediums. • Ambient temperature: -20 to 60°C. • Max pressure medium temperature is dependent on the gauges wetted parts. Please refer to the product data sheet for specific information. • We recommend the use of a syphon where appropriate. • Max operating pressure should not exceed 75% of the gauge range (65% with pulsating pressure). • Tighten the connection using a spanner; do not apply force to the gauge head. • Thread sealing materials must not obstruct the gauge. • Incorrect installation may cause leakage. Avoid installing where leakage could cause damage or electrical hazard. • Use of a gauge cock or similar valve is recommended.
	• All gauges must be mounted in a 90° position with the dial in a vertical position, unless marked otherwise. • To maintain accuracy, glycerine filled gauges with a range below 25bar must be vented immediately after installation by piercing the filling plug. • Installation to be performed by a qualified engineer. • For further information see EN837 Part 2: Guide to the Selection and Installation of Pressure Gauges.

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