

Series 7741

Liquid filled Pressure Gauge

Bottom Connection

Gauge description

ENFM liquid filled pressure gauges are suitable for a medium which does not clog connection port or corrode CrMo-steel bourdon tube and stainless steel connection. These gauges are commonly used on heavy duty and severe service in industrial environments. The gauges have a bayonet ring and laminated safetyglass window

Gauge specification

Case size: 100mm (4") with Blowout disc
Case material: Stainless Steel AISI 304
Bezel: Bayonet ring SS AISI 304
Dial: White aluminum with black scales

Pointer: Black aluminum
Window: Laminated safety glass
Bourdon Tube: 3000 bar CrMo steel

Connection material: Stainless steel AISI 316
Movement material: Stainless steel
Liquid filling: Glycerine 1.23 86% PF
Weather protection: IP 65
Accuracy class: 1.0% of span ASME B40.1 Grade 1A

Ranges: 3000 bar

Weight: 0.835 kg (1.845 lbs)

Working pressure: Steady 3/4 scale value
Fluctuating 2/3 scale value
Short time full scale value

Operating temperature: Ambient: -20°C (-4°F) to +60°C (+140°F)
Medium: max. +100°C (212°F)

Temperature error: Difference of temperature changes from the reference temperature of 21°C (70°F) results in an error of +0.4% for every 10°C (18°F) rising or falling. This percentage is based on gauge accuracy.

Connection:

1/2" BSP (DIN-ISO 228-1) with restrictorscrew

Packaging:

Protection cap onto connection

Dimensions

