

# diaphragm seal for DS 2.5" (63mm) pressure gauges, with threaded connection

# MGS9/367



Diaphragm seals are designed to isolate the sensing element of pressure gauges DS 63 and electronic transmitter from process fluids which may be corrosive, viscous, sedimentous and/or with a high temperature. The diaphragm is welded to the top housing and leak proof tested, to guarantee a separation between process fluid and fill transmission fluid. This construction feature and its compact design suits many application that require frequent maintenance.

## 4.367 - MGS9/367

**Working pressure :** *from 0...600 to 0...6000 psi (from 0...40 to 0...400 bar).*

**Process temperature:** *-49...+302°F (-45°C...+150°C).*

**Accuracy\*:** (add to instrument accuracy)  $\pm 1\%$  for direct mounting only.

**Diaphragm:** welded,

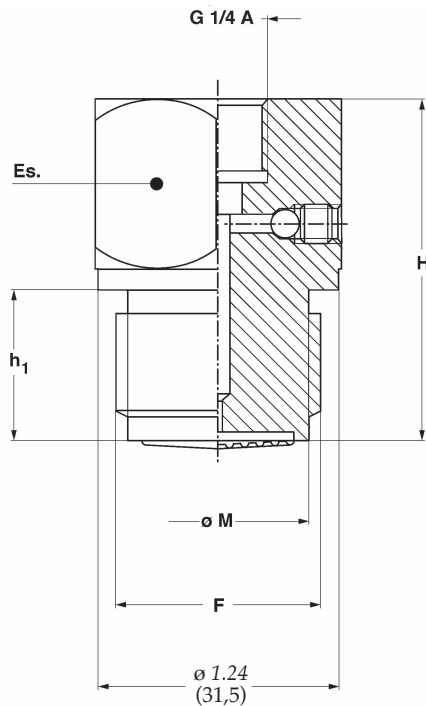
**4** - AISI 316 L st.st.

**Process connection:**

**4** - AISI 316 st.st.

**Filling liquid:** silicone oil.

\* at 68°F (20 °C) process temperature (or state temperature when ordering)



F	M	h <sub>1</sub>	H	Es.
<b>51M</b>	0.92"	0.62"	1.43"	1.25"
<b>G 3/4 M</b>	(23,5)	(16)	(36,5)	(32)

dimensions : inches (mm)

## ASSEMBLING

**D** - All diaphragm seals are mounted directly on the instruments.

## OPTIONS

<b>B</b> -	Silicon liquid "B" for process fluid temperature from -4°F to +482°F (from -20°C to +250°C)
<b>C</b> -	Silicon liquid "C" for process fluid temperature from +68°F to +644°F (from +20°C to +340°C)
<b>E</b> -	Fluorinated liquid "E" for process fluid temperature from -76°F to +302°F (from -60°C to +150°C)
<b>C05</b> -	Helium Test
<b>P04</b> -	Dye penetrant test

## "HOW TO ORDER" SEQUENCE

Section/Model/Connection material/Diaphragm material/Process Connection/Instrument connection/Assembling/Options  
**4**   **367**   **4**   **5**   **51M**   **21F - G 1/4 F**   **D**   **B...P04**