

**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.

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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,

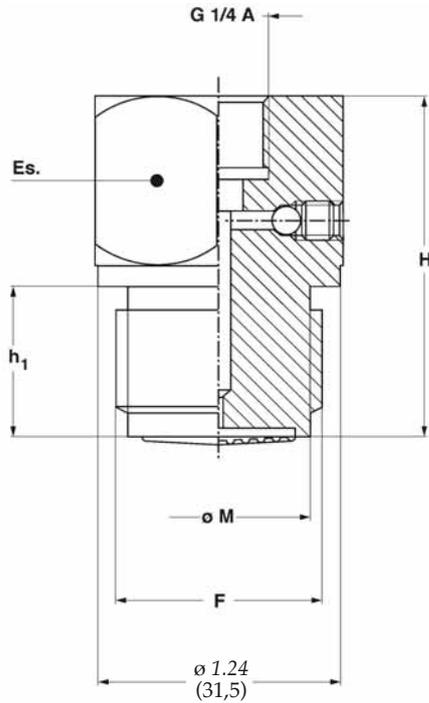
4 - AISI 316 L st.st.

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 ₁ | H | Es. |
|----------------|--------|----------------|--------|-------|
| 51M | 0.92" | 0.62" | 1.43" | 1.25" |
| G 3/4 M | (23,5) | (16) | (36,5) | (32) |

dimensions : inches (mm)

ASSEMBLING

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

OPTIONS

| | |
|--------------|--|
| B - | Silicon liquid "B" for process fluid temperature from -40°F to +482°F (from -20°C to +250°C) |
| C - | Silicon liquid "C" for process fluid temperature from +14°F to +662°F (from -10°C to +350°C) |
| E - | Fluorinated liquid "E" for process fluid temperature from -40°F to +302°F (from -40°C to +150°C) |
| C05 - | Helium Test |
| P04 - | Dye penetrant test |

"HOW TO ORDER" SEQUENCE

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