



SPECIAL FEATURES

ALL STAINLESS STEEL CONSTRUCTION
 COMPACT DESIGN
 LOW COST VERSION
 THE DIAPHRAGM IS WELDED TO THE BODY
 TO ENSURE SEPARATION OF THE FILLING FLUID
 FROM THE PROCESS MEDIUM

APPLICATIONS

DIAPHRAGM SEALS ARE DESIGNED TO ISOLATE THE SENSING ELEMENT OF PRESSURE GAUGES AND PRESSURE SWITCHES FROM PROCESS FLUIDS THAT THEY MAY BE CORROSIVE, VISCOUS, SEDIMENTOUS AND / OR WITH A HIGH TEMPERATURE.

STANDARD VERSION

(COMPATIBLE MODELS : 01-04 & 01-20 (NS 50 & 63 mm)

Range	1 kg/cm ² to 21 kg/cm ²
Process temperature	- 40 °C to 200 °C or as per fill fluid
Instrument connection	1/4" BSP (F)
Process connection	1/4" BSP (M)
Fill fluid	Silicon oil - DC 200
Diaphragm	AISI 316L SS
Body	AISI 316 SS

HOW TO ORDER

BASIC MODEL

CODE

OPTIONAL EXTRAS

INSTRUMENT CONNECTION

VN 1/4" BSP (F) (Standard) **VO** 1/4" NPT(F)

BODY

CL AISI 316 SS (Standard)

DIAPHRAGM

UJ AISI 316L SS (Standard)

PROCESS CONNECTION

WS 1/4" BSP (M) (Standard) **WT** 3/8" BSP(M) **WU** 1/2" BSP(M) **WY** 1/4" NPT (M) **WA** 1/2" NPT(M)

FILLING FLUIDS (*Consult factory for specifications, price and delivery.)

US FLUROLUBE 4.2 [-45 to 175 °C]	UY SILICON DC 704 [10 to 337 °C]
UT FLUROLUBE 6.3 [-40 to 235 °C]	UZ SILICON DC 710 [7 to 371 °C]
UU FLUROLUBE FS-5 [-28 to 148 °C]	VA SYLTHERM 800 [-40 to 315 °C]
UV FOOD GRADE OIL [-20 to 140 °C]	VB SYLTHERM XLT [-100 to 260 °C]
UX SILICON DC 200 [-40 to 205 °C] (Standard)	VC HALOCARBON OIL*

OTHER OPTIONS

TB HELIUM LEAK TEST **TC** DRY SEAL ONLY WITHOUT INSTRUMENT **GH** MATERIAL TEST CERTIFICATES*

* MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

Ordering Example: D-03 - XX - XX - XX - XX - XX - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

Example

D-03

XX

XX

XX

XX

XX

XX