



**SPECIAL FEATURES**

ALL 316 STAINLESS STEEL  
 QUICK CONNECT AND DISCONNECT  
 MATCHING DIN, SMS, RJT STANDARDS

**APPLICATIONS**

DIAPHRAGM SEALS ARE PROVIDED IN THE INSTRUMENTS LIKE PRESSURE GAUGES, SWITCHES, TRANSMITTERS IN ORDER TO ISOLATE THE SENSING ELEMENT FROM THE MAIN SERVICE DUE TO ITS CORROSIVE, VISCOUS AND SEDIMENTED NATURE AND TO AVOID CLOGGING AND SOLIDIFICATION. THESE SEALS ARE SPECIALLY DESIGNED FOR APPLICATIONS WHERE HIGH PURITY IN THE PROCESS IS ESSENTIAL.- TYPICALLY IN FOOD, BEVERAGES, DAIRY AND PHARMACEUTICAL INDUSTRIES.

**STANDARD VERSION**

**(COMPATIBLE MODELS : 01-04 (NS 50 & 63 mm) 01-12 (NS 100 & 150 mm) 01-09 & 02-05**

Range	Refer range table with nominal sizes
Process temperature	-20°C to 140°C or as per fill fluid
Instrument connection	½" NPT (F)
Process connection	As per DIN 11851, SMS, RJT, IDF
Mounting	Direct (Without capillary)
Diaphragm	AISI 316L SS
Unit Nut	AISI 316 SS
Body	AISI 316 SS
Fill fluid	Food grade oil

## HOW TO ORDER

### BASIC MODEL

#### CODE

Example

**D-04**

### OPTIONAL EXTRAS

#### FLOATING RING (FEMALE): SIZE & TYPE [\* Instrument Connection 1/4" NPT (F)]

<b>KH</b> (25*, 32, 40, 50 mm)	DIN	<b>KJ</b> (1½", 2")	RJT	<b>XX (1 ½)</b>
<b>KI</b> (1", 1½", 2")	SMS	<b>KK</b> (1, 1½", 2")	IDF / ISS	

### PROCESS CONNECTION

<b>M</b> MALE	<b>F</b> FEMALE	<b>X</b>
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### INSTRUMENT CONNECTION

<b>VN</b> 1/4" BSP (F)	<b>VO</b> 1/4" NPT (F)	<b>XX</b>
<b>VL</b> 1/2" BSP (F)	<b>VM</b> 1/2" NPT (F) (Standard)	

### DIAPHRAGM

<b>UJ</b> AISI 316L SS (Standard)	<b>XX</b>
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### FILLING FLUIDS

<b>UV</b> FOOD GRADE OIL [-20 TO 140°C / -4 TO 284°F] (Standard)	<b>XX</b>
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### BODY

<b>CL</b> AISI 316 SS (Standard)	<b>CM</b> AISI 316L SS	<b>XX</b>
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### BOTTOM MATING PART [\* Instrument Connection 1/4" BSP (F)]

<b>KL</b> (25*, 32, 40, 50mm)	DIN	<b>KN</b> (1½", 2")	RJT	<b>XX (1½")</b>
<b>KM</b> (1", 1½", 2")	SMS	<b>KO</b> (1", 1½", 2")	IDF / ISS	

### REMOTE MOUNTING (With capillary of Max. Up to 2 Mtrs.)

SPECIFY IN METERS (e.g. 1.5 = 1.5 METERS 2.0 = 2 METERS)	<b>1Mtr.</b>
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### CAPILLARY

<b>PE</b> AISI 304 SS	<b>PG</b> AISI 316 SS	<b>XX</b>
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### CAPILLARY COVERED WITH ARMOUR (Applicable with PE or PG if selected)

<b>PF</b> AISI 304 SS	<b>PH</b> AISI 316 SS	<b>PI</b> PVC	<b>XX</b>
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### OTHER OPTIONS

<b>TB</b> HELIUM LEAK TEST	<b>TC</b> DRY SEAL ONLY WITHOUT INSTRUMENT	<b>GH</b> MATERIAL TEST CERTIFICATES*	<b>XX</b>
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\* MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

**Ordering Example: D-04- XX(1 ½") - X - XX - XX - XX - XX - XX(1 ½") - 1Mtr. - XX - XX - XX**

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