

## FEATURES

- One piece construction
- Laser welded diaphragm
- Flushed diaphragm
- Ideal for Transmitters

## APPLICATION

- Separation systems
- Isolation applications
- Viscous & corrosive media
- High-pressure applications

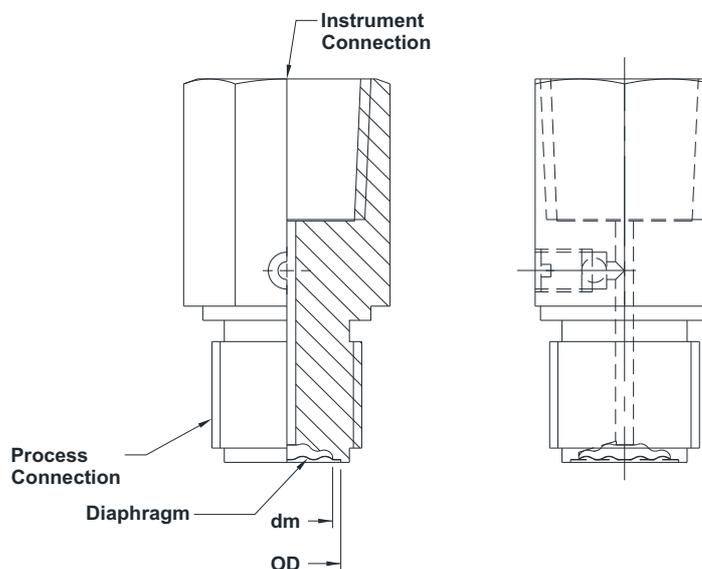


### STANDARD SPECIFICATIONS

Range type	: 4...600 bar*
Body material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 1/2" NPT (M) / 1/2" BSP (M)*
Assembly	: Direct

\*Refer range vs Process connection table

### Type S16



All dimensions are in mm.

ORDERING CODES						
<b>1. RANGE TYPE</b>		<b>S16</b>	<b>14N</b>	<b>7. ASSEMBLY</b>		<b>B8</b>
<b>S16</b>	4...600 bar			<b>B8</b>	Direct	
<b>2. BODY MATERIAL</b>		<b>LF</b>	<b>04N</b>	<b>8. CAPILLARY</b>		<b>XX</b>
<b>LF</b>	AISI 316 SS			<b>OU</b>	AISI 304SS	
<b>LG</b>	AISI 316L SS	<b>DG</b>	<b>04N</b>	<b>9. ARMOUR</b>		<b>XX</b>
<b>3. DIAPHRAGM MATERIAL</b>				<b>OX</b>	AISI 304SS	
<b>DG</b>	AISI 316L SS	<b>04N</b>	<b>04N</b>	<b>OZ</b>	PVC (Ambient max. 60°C)	<b>XXXX</b>
<b>4. INSTRUMENT CONNECTION</b>				<b>10. REMOTE MOUNTING LENGTH</b>		
<b>03B</b>	3/8" BSP (F)	<b>04B</b>	1/2" BSP (F)	<b>11. OTHER OPTIONS</b>		<b>XX</b>
<b>02B</b>	1/4" BSP (F)	<b>04N</b>	1/2" NPT (F)	<b>XZ</b>	Dry seal	
<b>02N</b>	1/4" NPT (F)	<b>0A</b>	<b>14N</b>	<b>HL</b>	Helium leak test	
<b>5. SEALING FLUID</b>				<b>TM</b>	Material test certificate 2.2	<b>TC</b>
<b>OA</b>	Silicon DC 200 [-40°C to 205°C]	<b>0A</b>	<b>14N</b>	<b>11. OTHER OPTIONS</b>		<b>XX</b>
<b>OF</b>	Food grade oil [-20°C to 140°C]			<b>XZ</b>	Dry seal	
<b>OG</b>	Glycerine [10°C to 150°C]	<b>0A</b>	<b>14N</b>	<b>TM</b>	Material test certificate 2.2	
<b>OI</b>	Syltherm 800 [-40°C to 315°C]			<b>TC</b>	Material test certificate 3.1	
<b>OL</b>	Silicon DC 710 [7°C to 371°C]	<b>0A</b>	<b>14N</b>	<b>11. OTHER OPTIONS</b>		<b>XX</b>
<b>6. PROCESS CONNECTION</b>				<b>XZ</b>	Dry seal	
<b>14N</b>	1/2" NPT (M)	<b>15N</b>	3/4" NPT (M)	<b>TM</b>	Material test certificate 2.2	
<b>16N</b>	1" NPT (M)	<b>17N</b>	1.5" NPT (M)	<b>TC</b>	Material test certificate 3.1	
<b>18N</b>	2" NPT (M)	<b>14B</b>	1/2" BSP (M)	<b>11. OTHER OPTIONS</b>		<b>XX</b>
<b>15B</b>	3/4" BSP (M)	<b>16B</b>	1" BSP (M)	<b>XZ</b>	Dry seal	
<b>17B</b>	1.5" BSP (M)	<b>18B</b>	2" BSP (M)	<b>HL</b>	Helium leak test	
<b>6. PROCESS CONNECTION</b>		<b>14N</b>	<b>14N</b>	<b>TM</b>	Material test certificate 2.2	
<b>14N</b>	1/2" NPT (M)	<b>15N</b>	3/4" NPT (M)	<b>TC</b>	Material test certificate 3.1	
<b>16N</b>	1" NPT (M)	<b>17N</b>	1.5" NPT (M)	<b>11. OTHER OPTIONS</b>		<b>XX</b>
<b>18N</b>	2" NPT (M)	<b>14B</b>	1/2" BSP (M)	<b>XZ</b>	Dry seal	
<b>15B</b>	3/4" BSP (M)	<b>16B</b>	1" BSP (M)	<b>HL</b>	Helium leak test	
<b>17B</b>	1.5" BSP (M)	<b>18B</b>	2" BSP (M)	<b>TM</b>	Material test certificate 2.2	
<b>6. PROCESS CONNECTION</b>		<b>14N</b>	<b>14N</b>	<b>TC</b>	Material test certificate 3.1	

**Ordering Example : D104-S16-LF-DG-04N-OA-14N-B8**

**CONNECTION SIZE Vs RANGE CHART**

Thread Size	1/2"	3/4"	1"	1 1/2"	2"
"Diaphragm Size (OD/ED) in "mm"	15/12	20/16	27/23	40/32	48/40
Range (bar)	0...70 to 0...700	0...40 to 0...700	0...25 to 0...700	0...4 to 0...600	0...4 to 0...400

**NOTES:**

1. Other sealing liquids are available, contact factory for further details.
2. Remote mounting available in connection 1" and above.
3. All metal diaphragms are laser welded to the Top Chamber.