

Flush, Union-nut



## FEATURES

- Quick connect/disconnect
- Laser welded flush diaphragm
- DIN, SMS, RJT & IDF / ISS connections

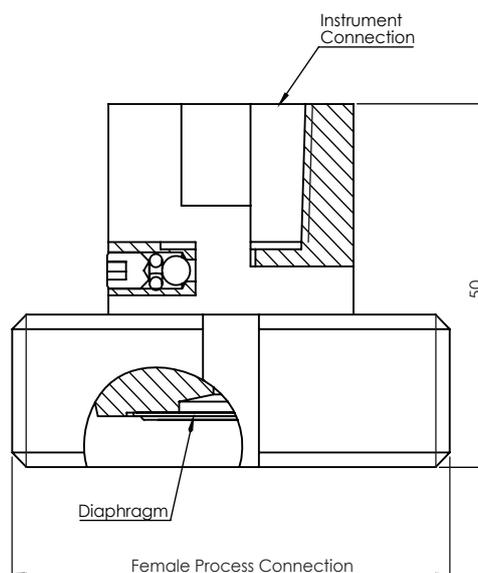
## APPLICATIONS

- Food & beverages industries
- Dairy & Ice cream industries
- Pharmaceuticals & cosmetics

## STANDARD PARAMETERS

Range type	1...40 bar
Chamber material	AISI 316 SS
Diaphragm	AISI 316 SS
Instrument connection	½" NPT (F) / ½" BSP (F)
Process connection	Union-nut (DIN 11851 / SMS / RJT/APV / IDF/ISS)
Assembly	Direct

## DIMENSIONAL DRAWING



All dimensions are in mm.

### ORDERING CODES

<b>1. RANGE TYPE</b>		<b>Z37</b>	<b>6. PROCESS CONNECTION (UNION NUT)</b>		<b>T15</b>
<b>Z37</b>	1...40 bar		<b>T01</b>	1" Connection (DN25)	
Refer range vs connection size table			<b>T14</b>	1¼" Connection (DN32)	
<b>2. STANDARD TYPE</b>		<b>T40</b>	<b>T15</b>	1½" Connection (DN40)	
<b>T40</b>	DIN 11851		<b>T02</b>	2" Connection (Dn50)	
<b>T41</b>	SMS		<b>T25</b>	2½" Connection (DN63)	
<b>T42</b>	RTJ / APV		<b>T03</b>	3" Connection (DN80)	
<b>T43</b>	IDF / ISS		<b>7. ASSEMBLY</b>		<b>DR</b>
<b>3. CHAMBER MATERIAL</b>		<b>MG</b>	<b>DR</b>	Direct	
<b>MF</b>	AISI 316 SS		<b>RE</b>	Remote	
<b>MG</b>	AISI 316L SS		<b>8. CAPILLARY</b>		<b>MF</b>
<b>4. DIAPHRAGM MATERIAL</b>		<b>MG</b>	<b>MC</b>	AISI 304 SS	<b>MF</b> AISI 316 SS
<b>MF</b>	AISI 316 SS		<b>9. ARMOUR</b>		<b>MF</b>
<b>MG</b>	AISI 316L SS		<b>MC</b>	AISI 304 SS	<b>MF</b> AISI 316 SS
<b>5. INSTRUMENT CONNECTION</b>		<b>03B</b>	<b>MP</b>	PVC (Ambient max. 60°C)	
<b>03B</b>	3/8" BSP (F)		<b>10. REMOTE MOUNTING LENGTH</b>		<b>6000</b>
<b>04N</b>	½" NPT (F)		<b>XXXX</b>	1000 mm up to 6000 mm	
<b>02B</b>	¼" BSP (F)		<b>11. OTHER OPTIONS</b>		<b>TC</b>
<b>04B</b>	½" BSP (F)		<b>TC</b>	Material test certificate	
<b>02N</b>	¼" NPT (F)		<b>TN</b>	NACE standards	

### Ordering Example:

**MT-S100SN-Z37-T40-MG-MG-03B-T15-DR-MF-MF-6000-TC**

### CONNECTION SIZE vs RANGE CHART

	Size	25	32	40	50	80
<b>DIN</b>	Diaphragm Size (OD/ED) in "mm"	35/25	38/32	48/40	59/52	80/72
	Range (bar)	0...4 to 0...40	0...2 to 0...40	0...1 to 0...40	0...1 to 0...40	-1...0 to 0...40
<b>SMS</b>	Size	1"	1 ½"	2"	-	-
	Diaphragm Size (OD/ED) in "mm"	30/23	45/36	58/51	-	-
	Range (bar)	0...4 to 0...40	0...2 to 0...40	0...1 to 0...40	-	-

### NOTE

All metal diaphragms are laser welded to the Top Chamber.