PZT and PZF and non-configurable items
Threaded and flanged adapters and accessories
Measurement made easy
Engineered solutions for all applications

Stainless steel construction
- Optimized for use in harsh ambient conditions
- Extremely robust

Wide selection of versions
- allows to meet application specific requirements
Specifications
Please refer to the ordering information for variants availability

Pressure limits

<table>
<thead>
<tr>
<th>Flange to EN 1092-1</th>
<th>AISI 316 L ss flange @ 20 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>PN 16</td>
<td>16 bar</td>
</tr>
<tr>
<td>PN 40</td>
<td>40 bar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flange to ASME B16.5</th>
<th>AISI 316 L ss flange @ 100 °F (38 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 150</td>
<td>275 psi</td>
</tr>
<tr>
<td>Class 300</td>
<td>720 psi</td>
</tr>
</tbody>
</table>

Materials
Adapters
AISI 316 ss / AISI 316 L ss (dual grade)

Flanges
AISI 316 L ss

Process connections
Adapters
1/2 in - 14 NPT female, 1/2 in G male, 1 in G male,
1 in - 11.5 NPT female, 1 in - 11.5 NPT male, M20 x 1.5 male

Flanges
1 in, 2 in, 3 in to ASME; DN25, DN50, DN80 to EN 1092-1.

Weight
- Adapters 100 to 900 g (0.22 to 2 lb) approx.
- Flanges 950 to 7000 g (2.1 to 15.6 lb) approx.

Packaging
Cardboard box
Mounting dimensions
(not design data) - dimensions in mm (inch)

Figure 1  Straight adapter to 1/2 in NPT female process connection

Figure 2  Angle adapter to 1/2 in NPT female process connection
Figure 3  Straight adapter to 1/2 in G male process connection

Figure 4  Angle adapter to 1/2 in G male process connection
...Mounting dimensions

Figure 5  Straight adapter to 1 in G male process connection

Figure 6  Angle adapter to 1 in G male process connection
Figure 7
Figure 8  Straight adapter to 1 in NPT female process connection

Figure 9  Angle adapter to 1 in NPT female process connection
Mounting dimensions

Figure 10  Straight adapter to 1 in NPT male process connection

Figure 11  Angle adapter to 1 in NPT male process connection
Figure 12  Straight adapter to M20 x 1.5 male process connection

Figure 13  Angle adapter to M20 x 1.5 male process connection
...Mounting dimensions

<table>
<thead>
<tr>
<th>Size/Rating</th>
<th>A (dia)</th>
<th>B (dia)</th>
<th>C (dia)</th>
<th>D (dia)</th>
<th>E (dia)</th>
<th>F</th>
<th>G</th>
<th>N° of holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 in ASME CL 150</td>
<td>50 (1.97)</td>
<td>50.8 (2)</td>
<td>79.2 (3.12)</td>
<td>108 (4.25)</td>
<td>15.9 (0.63)</td>
<td>12.7 (0.5)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
<tr>
<td>1 in ASME CL 300</td>
<td>50 (1.97)</td>
<td>50.8 (2)</td>
<td>88.9 (3.5)</td>
<td>124 (4.88)</td>
<td>19.1 (0.75)</td>
<td>15.7 (0.62)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
<tr>
<td>2 in ASME CL 150</td>
<td>50 (1.97)</td>
<td>91.9 (3.62)</td>
<td>120.7 (4.75)</td>
<td>152.4 (6)</td>
<td>19.1 (0.75)</td>
<td>17.5 (0.69)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
<tr>
<td>2 in ASME CL 300</td>
<td>50 (1.97)</td>
<td>91.9 (3.62)</td>
<td>127 (5)</td>
<td>165.1 (6.5)</td>
<td>19.1 (0.75)</td>
<td>20.6 (0.81)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
<tr>
<td>3 in ASME CL 150</td>
<td>50 (1.97)</td>
<td>127 (5)</td>
<td>152.4 (6)</td>
<td>190.5 (7.5)</td>
<td>19.1 (0.75)</td>
<td>22.4 (0.88)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
<tr>
<td>3 in ASME CL 300</td>
<td>50 (1.97)</td>
<td>127 (5)</td>
<td>168.1 (6.62)</td>
<td>209.6 (8.25)</td>
<td>22.2 (0.87)</td>
<td>26.9 (1.06)</td>
<td>1.6 (0.063)</td>
<td>4</td>
</tr>
</tbody>
</table>

Figure 14  ASME flange connection for PGS100/PAS100
Use the EN 1092-1 flange connection for PGS100/PAS100.
## Ordering Information

Accessory ordering information for model PZT threaded adapters and PZF flanged adapters

Select one character or set of characters from each category and specify complete additional catalog number.

### BASE MODEL - 1st to 3rd characters

<table>
<thead>
<tr>
<th>Screwed process connection adapter (suitable with process connection size code &quot;B&quot; at 13th character of PxS100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection thread to transmitter - 4th character</td>
</tr>
<tr>
<td>1/2 in-14 NPT female</td>
</tr>
</tbody>
</table>

### Process connection thread to process - 5th character

- 1/2 in - 14 NPT female: A
- 1 in G male: B
- 1 in - 11.5 NPT male: C
- 1 in - 11.5 NPT male: D
- M20 x 1.5 male: E

### Type of connection (orientation) - 6th character

- Straight: S
- 90° angle: A

### BASE MODEL - 1st to 3rd characters

<table>
<thead>
<tr>
<th>Flanged process connection adapter (suitable with process connection size code &quot;P&quot; at 13th character of PxS100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection to transmitter - 4th character</td>
</tr>
<tr>
<td>Screwed to front bonded connection</td>
</tr>
</tbody>
</table>

### Flanged connection to process - 5th and 6th characters

- ASME 1 in: A1
- ASME 2 in: A2
- ASME 3 in: A3
- EN DN 25: D2
- EN DN 50: D5
- EN DN 80: D8

### Flange rating - 7th character

- ASME Class 150: A
- ASME Class 300: B
- EN PN 16: C
- EN PN 40: D

### Flange form/seat finish - 8th character

- Raised face (RF) serrated finish: 1
- Form B1 to EN 1092-1: 2

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Note 1: Not available with EN flanged connection code Dx

Note 2: Not available with ASME flanged connection code Ax

Note 3: Not available with DN 50 and DN 80 flanged connection code D5 and D8
Accessory ordering information for non-configurable items

Select required item(s) according to application needs

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>M16 plastic cable gland</td>
<td>9287356</td>
</tr>
<tr>
<td>M16 nickel-plated brass Ex cable gland</td>
<td>9287600</td>
</tr>
<tr>
<td>Harting HAN 8D straight connector</td>
<td>3KXP00292U0100</td>
</tr>
<tr>
<td>M12 x 1 connector</td>
<td>3KXP00291U0100</td>
</tr>
<tr>
<td>Welding connection for PGS/PAS100 front bonded version</td>
<td>284903</td>
</tr>
</tbody>
</table>

Figure 16  Pin layout of Harting HAN 8D (socket view) and M12 x 1 connector
Notes