LOW-PRESSURE TRANSUDER
FOR DIFFERENTIAL/GAGE
FOR MEASUREMENT OF CLEAN GASES

±2.5 inH₂O to 0-27.68 inH₂O
±0.02 to 0-6.9 kPa

PX160 Series

☑ Silicon Diaphragm
☑ 1 to 6V Output Span
☑ Gage, Vacuum,
  Differential Pressures
☑ 8 Vdc Excitation
☑ High-Impact Plastic Case
☑ Accurate
☑ Temperature
  Compensated

SPECIFICATIONS
Excitation: 8 Vdc regulated
(6 to 12 Vdc at 20 mA)
(PX163-120D5V uses 10 Vdc)
Output: 1 to 6 Vdc
Linearity: ±1.0% FS BFSL
at specified voltage; ±1.5% maximum
for PX163-120D5V
Hysteresis and Repeatability:
±0.25% FS
Zero Balance: 1 Vdc ±0.05
(3.5 ±0.05 Vdc PX163 Series)
Operable Temperature Range:
-40 to 85°C (-40 to 185°F)
Compensated Temperature Range:
-18 to 63°C (0 to 145°F)
PX163 and 164:
5 to 45°C (41 to 113°F)
Operable Overpressure: 5 psi
Media Compatibility:
P1: Dry gases only
P2: Gage: Limited to media that will
  not attack polyester, silicon,
  borosilicate glass or epoxy
Response Time: 1 ms
Mating Connector: CX136-3,
  (sold separately)

ACCESSORIES
MODEL NO.   DESCRIPTION
CX136-3   Mating connector
PST-8   8V power supply
PST-10  10V power supply

To Order

<table>
<thead>
<tr>
<th>RANGE</th>
<th>TYPE</th>
<th>MODEL NO.</th>
<th>COMPATIBLE METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gage</td>
<td></td>
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<tr>
<td>Differential</td>
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<tr>
<td>±2.5</td>
<td>0.623</td>
<td>PX162-027D5V</td>
<td>DP41-E, DP25B-E</td>
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<tr>
<td>±5.0</td>
<td>1.25</td>
<td>PX163-120BD5V</td>
<td>DP41-E, DP25B-E</td>
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<tr>
<td>0 to 2.49</td>
<td>Differential</td>
<td>PX164-010D5V</td>
<td>DP41-E, DP25B-E</td>
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</tbody>
</table>

Comes complete with operator’s manual.
* Use PST-8 for 8 Vdc excitation, PST-10 for 10 Vdc excitation, see omega.com
† Visit omega.com/meters for compatible meters.
Ordering Example: PX164-005BD5V, bi-directional ±5 psi range transducer.

Typical Application

Dimensions: mm (inch)

PRESSURE TRANSUDERS
VOLTAGE OUTPUT
B