# PX2 Series Heavy Duty Pressure Transducers Product Nomenclature

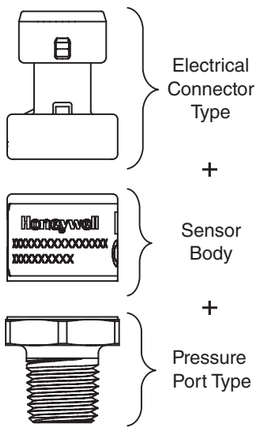
Honeywell

For example, **PX2AN1XX150PABDX** defines a PX2 Series Heavy Duty Pressure Transducer, Packard Metripak 150, standard, electrical connector type, 1/4-18 NPT pressure port type, 150 psi pressure range, absolute pressure reference, regulated: 0.25 Vdc to 10.25 Vdc output transfer function.

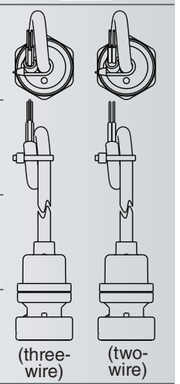
PX2 | A | N1 | XX[7] | 150P | A | BD | X[7]

## Series

| | |
|---|---|
| **PX2** | Heavy Duty Pressure Transducer[1] |




## Electrical Connector Type

| | | |
|---|---|---|
| **A** | Delphi Metri-Pack 150, Standard (UL 94 HB)[2]<br>(For UL 94 V-0 version, see order code **J** below.) | |
| **B** | Micro M12 (IEC 61076-2) | |
| **C** | DIN (EN 175301-803C) | |
| **D** | Deutsch (DTM04-3P) | |
| **E** | Cable harness, 1 meter cable length[3] |  (three-wire) (two-wire) |
| **F** | Cable harness, 2 meter cable length[3] | |
| **G** | Cable harness, 3 meter cable length[3,4] | |
| **H** | Cable harness, 5 meter cable length[3,4] | |
| **J** | Delphi Metri-Pack 150 (UL 94 V-0)[2] | |

## Pressure Port Type

| | | |
|---|---|---|
| **F1** | 7/16-20 UNF 1/4 in 45° Flare Female Schrader (SAE J512) | |
| **F2** | 7/16-20 UNF 45° Flare Male (SAE J513) | |
| **F3** | 7/16-20 UNF 37° Flare Male (SAE J514) | |
| **G1** | G1/4 (ISO 1179-3) | |
| **G2** | G1/8 (ISO 1179-3) | |
| **M1** | M12 x 1.5 (ISO 6149-3) | |
| **N1** | 1/4-18 NPT | |
| **N2** | 1/8-27 NPT | |
| **S1** | 9/16-18 UNF (SAE J1926-3) | |
| **S2** | 7/16-20 UNF (SAE J1926-3) | |

## Pressure Range

| *bar* | | *Pa* | | *psi* | |
|---|---|---|---|---|---|
| **001B** | 1 bar | **100K** | 100 kPa | **015P** | 15 psi |
| **1.6B** | 1.6 bar | **160K** | 160 kPa | **030P** | 30 psi |
| **002B** | 2 bar | **250K** | 250 kPa | **050P** | 50 psi |
| **2.5B** | 2.5 bar | **400K** | 400 kPa | **100P** | 100 psi |
| **004B** | 4 bar | **600K** | 600 kPa | **150P** | 150 psi |
| **006B** | 6 bar | **001G** | 1 MPa | **200P** | 200 psi |
| **008B** | 8 bar | **1.6G** | 1.6 MPa | **250P** | 250 psi |
| **010B** | 10 bar | **2.5G** | 2.5 MPa | **300P** | 300 psi |
| **016B** | 16 bar | **004G** | 4 MPa | **500P** | 500 psi |
| **025B** | 25 bar | **4.6G** | 4.6 MPa | **600P** | 600 psi |
| **040B** | 40 bar | **006G** | 6 MPa | **667P** | 667 psi |
| **046B** | 46 bar | **007G** | 7 MPa | **750P** | 750 psi |
| **060B** | 60 bar | | | **01KP** | 1000 psi |
| **070B** | 70 bar | | | | |

## Pressure Reference

| | |
|---|---|
| **A** | Absolute |
| **S** | Sealed gage[5] |
| **G** | Vented gage[6] |

## Output Transfer Function

| | |
|---|---|
| **AA** | Ratiometric 5.0 V: 10 %Vs to 90 %Vs |
| **AB** | Ratiometric 5.0 V: 5 %Vs to 95 %Vs |
| **AC** | Ratiometric 3.3 V: 10 %Vs to 90 %Vs |
| **AD** | Ratiometric 3.3 V: 5 %Vs to 95 %Vs |
| **BC** | Regulated: 1 Vdc to 6 Vdc |
| **BD** | Regulated: 0.25 Vdc to 10.25 Vdc |
| **BE** | Regulated: 0.5 Vdc to 4.5 Vdc |
| **BG** | Regulated: 1 Vdc to 5 Vdc |
| **CH** | Current: 4 mA to 20 mA |

[1]Not all catalog listing combinations are available. Custom products are available. Please contact Honeywell.
[2]Mating connectors available from Honeywell are 3685301 (1 m cable length) and 3685302 (3 m cable length).
[3]Three-wire cable is required for ratiometric and regulated outputs; two-wire cable is required for current output.
[4]Three meter and five meter cables are only available with Output Transfer Function CH = Current, 4 mA to 20 mA.
[5]Sealed gage option only available in pressure ranges at or above 100 psi.
[6]Vented gage option only available in pressure ranges between 100 psi and 667 psi (not available on cable harness configurations).
[7]Reserved for future use.

008263-4-EN
February 2015
Copyright © 2015 Honeywell International Inc.
All Rights Reserved