PX2 Series Heavy Duty Pressure Transducers Product Nomenclature

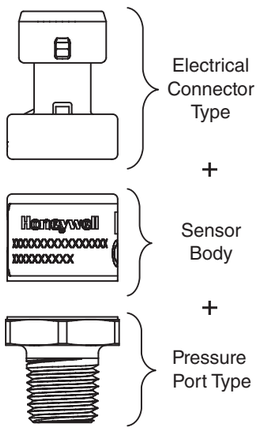
Honeywell

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.

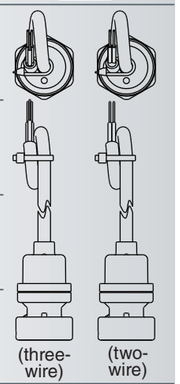
PX2 | A | N1 | XX[7] | 150P | A | BD | X[7]

Series

PX2	Heavy Duty Pressure Transducer[1]



Electrical Connector Type

A	Delphi Metri-Pack 150, Standard (UL 94 HB)[2] (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.

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