

ADJUSTABLE RANGE PRESSURE TRANSMITTER WITH RUGGED NEMA-4X ENCLOSURE



PX725A Series 4-20 mA Output 0-17 inH₂O to 0-5000 psi

- ✓ High $\pm 0.15\%$ Accuracy
- ✓ All 316SS Wetted Parts or Hastelloy C
- ✓ Electrical Surge Protected
- ✓ EMI Shielded
- ✓ 6 to 1 Turndown on Span
- ✓ $\pm 600\%$ LRL Zero Suppression or Elevation
- ✓ 4-20 mA or 1-5 Vdc Output

SPECIFICATIONS

Excitation: 24 Vdc, 7-36 Vdc mA output, 6-42 Vdc @ 1.6 mA Voltage output

Output: 4-20 mA (2-wire) or 1-5 Vdc (3-wire) jumper selectable

Max. Loop Resistance: (supply voltage-7) x 50 Ω

Accuracy: $\pm 0.1\%$ of URL (upper range limit) (includes linearity, hysteresis and repeatability)

Stability: $\pm 0.25\%$ of URL (upper range limit) 1 year

Span Adjust: 16 to 100% URL (dip switches and pot)

Zero Adjust: -600 to 600% LRL (Low Range Limit)

Operating Temperature:

Process: -40 to 104°C (-40 to 220°F) (Fluorolube -17.8 to 104°C, 0 to 220°F)

Electrical: -32 to 85°C (-25 to 185°F)

Ambient Total Thermal Effects:

0.010% URL/°F for -25 to 75°F

0.015% URL/°F for 75 to 185°F

(0.020% URL/°F for 100 inH₂O)

Response Time: 63% response 1 ms or 50ms with damping

EMI Effect: $\pm 1\%$ URL @ 10V/m from 20 to 500 MHz. Meets /SAMA PMC-33-1C with cover in place and electrical wiring in grounded conduit

Approvals: Optional UL/CUL or CENELEC

Wetted Parts: 316 SS

Pressure Port: 1/2" NPT male

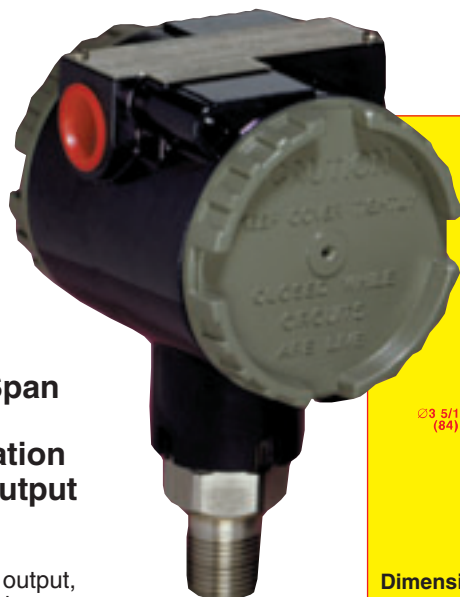
Fill Fluid: DC 200 Silicon or Fluorolube

Housing: Low copper aluminum, epoxy coated, NEMA 4X

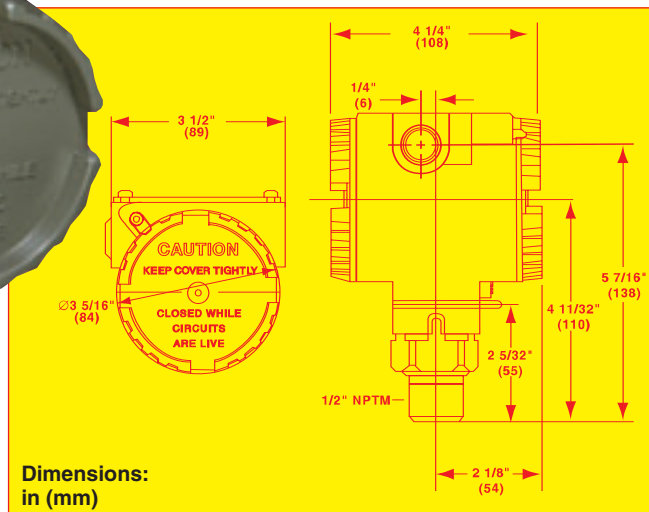
Electrical Connection: 1/2" NPTF conduit, with internal screw terminals

Weight: 1 kg (2 lb-4 oz)

Compatible Meters: DP41-E, DP25-E, DP24-E, DP460, DP3002-E and others see Section D for complete selection



PX725A
1/2 NPT Thread
\$755



Dimensions:
in (mm)

MOST POPULAR MODELS HIGHLIGHTED

To Order (Specify Model Number)

1/2 NPT MODEL	PRICE	ADJUSTABLE SPAN	MAX WORKING PRES
PX725A-100WCGI	\$755	0-17 to 0-100 inH ₂ O	300 inH ₂ O
PX725A-300WCGI	755	0-50 to 0-300 inH ₂ O	900 inH ₂ O
PX725A-400WCGI	755	0-67 to 0-400 inH ₂ O	1200 inH ₂ O
PX725A-025GI	755	0-4 to 0-25 psig	75 psi
PX725A-050GI	755	0-8 to 0-50 psig	150 psi
PX725A-100GI	755	0-17 to 0-100 psig	300 psi
PX725A-300GI	755	0-50 to 0-300 psig	900 psi
PX725A-500GI	755	0-83 to 0-500 psig	1500 psi
PX725A-1KGI	755	0-167 to 0-1000 psig	3000 psi
PX725A-3KGI	755	0-500 to 0-3000 psig	4500 psi
PX725A-5KGI	755	0-833 to 0-5000 psig	7500 psi

OPTIONS

SUFFIX	ADDER	DESCRIPTION
-F	\$76	Fluorolube fill
-H	115	Hastelloy C wetted parts (PX725 only)
-M	150	Integral LCD meter (adds 0.82 to height) (voids FM approv.)
-MB	35	Mounting Bracket (ordered with unit)

ACCESSORIES

MODEL NUMBER	PRICE	DESCRIPTION
PX725-MB-KIT	\$60	Mounting Bracket (ordered separately)
PS-2G	24	Pressure snubber for gaseous media
PS-2E	24	Pressure snubber for water and light oils
PS-2D	24	Pressure snubber for dense oil (motor oil)
TX2-100	28.50	Wire 100 ft of 2 cond. shielded pair

Comes with complete operator's manual.

Ordering Example: PX725A-100WCGI-H-MB is the 1/2 NPT model with 0-17 to 0-100 inH₂O adjustable span, mounting bracket and Hastelloy C wetted parts, \$755 + 115 + 35 = **\$905**.

B-243E

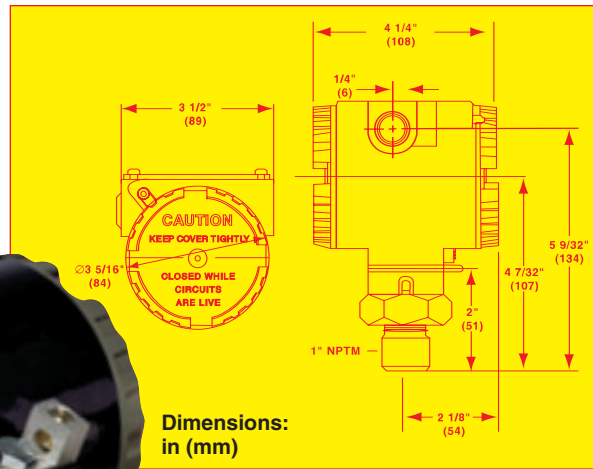
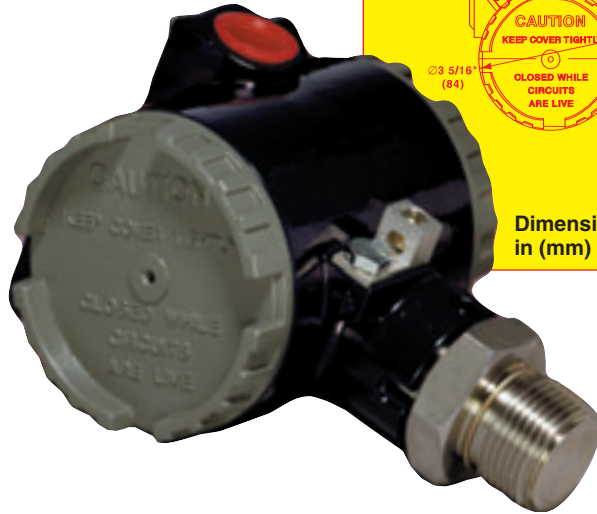


CURRENT OUTPUT
PRESSURE TRANSDUCERS
B



FLUSH DIAPHRAGM PRESSURE TRANSMITTER WITH RUGGED NEMA-4X ENCLOSURE

PX726A
Flush
Diaphragm
\$795



PX726A Series

4-20 mA Output
0-17 inH₂O to 0-3000 psi

- ✓ High $\pm 0.15\%$ Accuracy
- ✓ All 316SS Wetted Parts or Hastelloy C
- ✓ Electrical Surge Protected
- ✓ EMI Shielded
- ✓ 6 to 1 Turndown on Span
- ✓ $\pm 600\%$ LRL Zero Suppression or Elevation
- ✓ 4-20 mA or 1-5 Vdc Output

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EMI Effect: $\pm 1\%$ URL @ 10V/m from 20 to 500 MHz. Meets /SAMA PMC-33-1C with cover in place and electrical wiring in grounded conduit

Approvals: Optional UL/CUL or CENELEC

Wetted Parts: 316 SS

Pressure Port: 1" NPT male

Fill Fluid: DC 200 Silicon or Fluorolube

Housing: Low copper aluminum, epoxy coated, NEMA 4X

Electrical Connection: 1/2" NPTF conduit, with internal screw terminals

Weight: 1.2 kg (2 lb-8 oz)

Compatible Meters: DP41-E, DP25-E, DP24-E, DP460, DP3002-E and others see Section D for complete selection

MOST POPULAR MODELS HIGHLIGHTED

To Order (Specify Model Number)			
FLUSH MODEL	PRICE	ADJUSTABLE SPAN	MAX WORKING PRES
PX726A-100WCGI	\$795	0-17 to 0-100 inH ₂ O	300 inH ₂ O
PX726A-300WCGI	795	0-50 to 0-300 inH ₂ O	900 inH ₂ O
PX726A-400WCGI	795	0-67 to 0-400 inH ₂ O	1200 inH ₂ O
PX726A-025GI	795	0-4 to 0-25 psig	75 psi
PX726A-050GI	795	0-8 to 0-50 psig	150 psi
PX726A-100GI	795	0-17 to 0-100 psig	300 psi
PX726A-300GI	795	0-50 to 0-300 psig	900 psi
PX726A-500GI	795	0-83 to 0-500 psig	1500 psi
PX726A-1KGI	795	0-167 to 0-1000 psig	3000 psi
PX726A-3KGI	795	0-500 to 0-3000 psig	4500 psi
OPTIONS & ACCESSORIES			
-SUFFIX or MODEL No.	ADDER	DESCRIPTION	
-F	\$76	Fluorolube fill	
-M	150	Integral LCD meter	
PX726A-3-150-[range]	+140	3" Class 150 Flange	
PX726A-3-300-[range]	+185	3" Class 300 Flange	
PX726A-4-150-[range]	+175	4" Class 150 Flange	
PX726A-4-300-[range]	+265	4" Class 300 Flange	
PS-2G	24	Pressure snubber for gaseous media	
PS-2E	24	Pressure snubber for water and light oils	
PS-2D	24	Pressure snubber for dense oil (motor oil)	
TX2-100	28.50	Wire 100 ft of 2 cond. shielded pair	

Comes with complete operator's manual.

Ordering Example: PX726A-3-150-100WCGI, flush model with 3" Class 150 Flange, 0-17 to 0-100 inH₂O adjustable span, \$795 + 140= **\$935**.

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