CERTIFICATE OF CONFORMANCE 4 TO 20mA DOCUMENT A012502

PX 309, 319, 329
4 TO 20mA
PRESSURE
SENSOR

MODEL NUMBER INTERPRETATION

PART # :	PRODUCT SERIES	ELECTRICAL CONNECTOR			RANGE CODE			GAGE	ABSOLUTE	4 TO 20 mA OUTPUT	PRESSURE RANGE	SUPPLY VOLTAGE	OUTPUT	COMPENSATED TEMPERATURE	THERMAL EFFECTS
	PX	X1	X2	X3	X4	X5	X6	X7		X8	PSI	VDC	mA	°C	±% FS
	CABLE	3	0	9	0	0	1	G	N/A	I	1	9 TO 30	4 to 20	0-50	4.5
	DIN	3	1	9	0	0	2	G	N/A	I	2	9 TO 30	4 to 20	0-50	3
	BENDIX	3	2	9	0	0	5	G	A	I	5	9 TO 30	4 to 20	0-50	1.5
					0	1	5	G	A	I	15	9 TO 30	4 to 20	-20 TO 85	1
					0	3	0	G	A	I	30	9 TO 30	4 to 20	-20 TO 85	1
					0	5	0	G	A	I	50	9 TO 30	4 to 20	-20 TO 85	1
					1	0	0	N/A	A	I	100	9 TO 30	4 to 20	-20 TO 85	1
					2	0	0	N/A	A	I	200	9 TO 30	4 to 20	-20 TO 85	1
					3	0	0	N/A	A	I	300	9 TO 30	4 to 20	-20 TO 85	1
					1	0	0	G	N/A	I	100	9 TO 30	4 to 20	-20 TO 85	1
					1	5	0	G	N/A	I	150	9 TO 30	4 to 20	-20 TO 85	1
					2	0	0	G	N/A	I	200	9 TO 30	4 to 20	-20 TO 85	1
					3	0	0	G	N/A	I	300	9 TO 30	4 to 20	-20 TO 85	1
					5	0	0	G	N/A	I	500	9 TO 30	4 to 20	-20 TO 85	1
						1	K	G	N/A	I	1000	9 TO 30	4 to 20	-20 TO 85	1
						2	K	G	N/A	I	2000	9 TO 30	4 to 20	-20 TO 85	1
						3	K	G	N/A	I	3000	9 TO 30	4 to 20	-20 TO 85	1
						5	K	G	N/A	I	5000	9 TO 30	4 to 20	-20 TO 85	1
					7	5	K	G	N/A	I	7500	9 TO 30	4 to 20	-20 TO 85	1
					1	0	K	G	N/A	I	10000	9 TO 30	4 to 20	-20 TO 85	1

GENERAL SPECIFICATION

INPUT	VDC SEE TABLE
OUTPUT	4 TO 20 mA SEE TABLE
OVER PRESSSURE	1 TO 50 PSI GAGE AND 5 TO 300 PSI ABSOLUTE: 3 TIMES RATED OR 20 PSI WHICHEVER IS GREATER
OR	100 TO 10,000 PSIG : 2 TIMES RATED PRESSURE
BURST PRESSSURE	1 TO 50 PSI GAGE AND 5 TO 300 PSI ABSOLUTE: 5 TIMES RATED OR 25 PSI WHICHEVER IS GREATER
OR	100 TO 10,000 PSIG : 2 TIMES RATED PRESSURE
ACCURACY	COMBINED LINEARITY, HYSTERISIS AND REPEATABILITY ±0.25% BSL
SETTING ACCURACY ZERO	±2.0% FS (±4.0% FOR 1 AND 2 PSI)
SETTING ACCURACY SPAN	±2.0% FS (±4.0% FOR 1 AND 2 PSI)
	CALIBRATION IN VERTICAL DIRECTION WITH FITTING DOWN
LONG TERM STABILITY	±0.25%BFS TYPICAL (1 YEAR)
DURABILITY	10 MILLION MINIMUM
MEDIA COMPATABILITY	PRESSURE RANGES LESS THAN OR EQUAL TO 50PSI GAGE 300PSI ABSOLUTE : 316 ST ST
OR	PRESSURE RANGES 100PSI GAGE TO 10,000 PSI GAGE : 17.4 ST ST

4 TO 20 mA EXTERNAL WIRING CODES

	CABLE PX309	MINI DIN PX319	TWIST LOCK PX329
SUPPLY (+)	RED	PIN 1	PIN A
SUPPLY (-)	BLACK	PIN 2	PIN B
NC*		PIN 3	PIN C
NC*		PIN 4	PIN D
SPARE			PIN E
VENT			PIN F

* FACTORY PIN : DO NOT CONNECT TO PIN

We certify that this sensor is in full conformance with all written specifications as contained in this data sheet.

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