

HOW TO ORDER (ADDENDUM)

ONE SERIES ELECTRONIC SWITCH User adjustable, digital indicating, 2-Wire and external power configurations. Build a part number by selecting appropriate code for each feature category. Example: **2W2D00P10-M276**

2W2D00	P	10	M276
Electronic Switch Model 12-30 VDC	Sensor Type Pressure	Range Configuration 0-5 psi	Option Codes Units-mbar

MODEL	DESCRIPTION
2W2D00	Discrete input powered, 12-30 VDC, 40 mA
2W4D00	Discrete input powered, 30-56 VDC, 40mA
2W3A00	Discrete input powered, 90-130 VAC or VDC, 100 mA
2WLP41	Loop-powered 4-20 mA output and 0-140 VAC or VDC, 0.6 A
2WLP43	Loop-powered 4-20 mA output and 0-280 VAC or VDC, 0.3 A
4W3A01	90-130 VAC Power Input, 24-280 VAC, 10 A
8W2D42	External powered by 10-30 VDC, two 75-250 VAC @ 1.5 A SSRs, 4-20 mA output
8W2D44	External powered by 10-30 VDC, one 75-250 VAC @ 1.5 A SSR, one 0-140 VAC/VDC @ 0.6 A SSR, 4-20 mA output
8W2D45	External powered by 10-30 VDC, two 0-140 VAC/VDC @ 0.6 A SSRs, 4-20 mA output

SENSOR TYPE

P	Gauge Pressure, 316L stainless steel welded diaphragm, 1/2" NPT (female)
K**	Differential Pressure, 316L stainless steel welded diaphragm, 1/4" NPT (male)
T	Temperature, 100 ohm RTD, 316 stainless steel sheath, 0.25" OD"

SENSOR RANGE AND CONFIGURATION

GAUGE PRESSURE	Ranges		Maximum Over Range*	
	psig	(mbar)/bar	psig	(mbar)/bar
10	0-5	(0-344,7)	10	(689) (see Option M275 for "wc)
11	0-15	(0-1034)	30	(2068)
12	0-30	(0-2068)	60	(4137)
13	0-50	(0-3447)	100	(6895)
14	0-100	(0-6895)	200	13,8
15	0-300	0-20,68	600	41,4
16	0-500	0-34,47	1000	68,9
17	0-1000	0-68,95	2000	137,9
18	0-3000	0-206,8	6000	413,7
19	0-4500	0-310,3	9000	620,5

DIFFERENTIAL PRESSURE**	Ranges ¹		Over Range ²		Working ³	
	psid	(mbar)/bar	psid	bar	psig	bar
10	0-5	(0-344,7)	10	0,69	50	3,4 (see Option M275 for "wc)
11	0-50	0-3,4	100	6,9	500	34,5
12	0-100	0-6,9	200	13,8	1000	68,9
13	0-200	0-13,8	400	27,6	1000	68,9

RTD TEMPERATURE	Ranges	Description
	L1	-50 to 450°F (-45 to 232°C)
L2	-50 to 450°F (-45 to 232°C)	Local mount sensor, 6" probe length
L3	-50 to 450°F (-45 to 232°C)	Local mount sensor, 10" probe length
R1	-50 to 450°F (-45 to 232°C)	Remote mount sensor, 6" probe length, 6' Teflon extension wire
RC	-50 to 450°F (-45 to 232°C)	Remote mount sensor, 6" probe length, up to 30' Teflon extension wire
H1	-50 to 1000°F (-45 to 538°C)	Remote mount sensor, 2.5" probe length, 6' MI extension wire
HC	-50 to 1000°F (-45 to 538°C)	Remote mount sensor, 2.5" probe length, up to 30' MI extension wire (must specify length), 2W2D, 2W4D, 2WLP, and 8W2D models only
C1	-300 to 200°F (-184 to 93°C)	Remote mount sensor, 2.5" probe length, 6' MI extension wire,
CC	-300 to 200°F (-184 to 93°C)	Remote mount sensor, 2.5" probe length, up to 30' MI extension wire (must specify length), 2W2D, SW4D, 2WLP, and 8W2D models only

*Exceeding this value may damage the sensor ** Call for availability