

# HOW TO ORDER

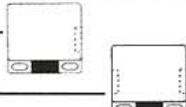
# MECHANICAL PRESSURE SWITCHES


Pressure Switch: **PS** — Pressure Range: **0630** — Housing: **NN** — Switch: **K** — Diaphragm (wetted): **N4** — Pressure Port (wetted): **C2** — Options: **[ ]**


Pressure Range				
Overrange	Proof	Pressure Range (Set point must be within range)		Typical Dead Band (at mid point)
Pressure				
		Code	Range	
200 psi	400 psi	1264	2.5 - 45 INWC	0.8 INWC
		1220	.04 - 2.0 psi	0.1psi
		1250	.75 - 12 psi	0.1psi
750 psi	1000 psi	0440	2 - 25 psi	0.3psi
		0450	3 - 50 psi	0.4psi
1500 psi	2500 psi	0630	12 - 100 psi	0.9psi
		0650	20 - 180 psi	1.4psi
		0530	25 - 240 psi	2.2psi
		0545	45 - 550 psi	3.9psi
Vacuum				
750 psi	1000 psi	5418	-30" Hg	0.5" Hg
Compound				
200 psi	400 psi	5217	-40/0/40 INWC	1.1 INWC
1500 psi	2500 psi	5626	-30 Hg/0/10 psi	1" Hg/.5 psi
		5636	-30 Hg/0/80 psi	1.4" Hg/.7 psi


### Housing

Weather tight: NEMA 4, 4X, IP65:


**NN** = Aluminum, One Outlet (R) 

**N3** = Aluminum, two Outlets (L,R) 

**RN** = Aluminum, with 6-place Terminal Block One outlet (R) 

**RT** = 316SS, with 6-place Terminal Block One outlet (R) 

**Explosion Proof**  
(Class 1, Group C & D; Class II, Group E, F & G, Division. 1, 2)

**L** = Cast Iron, One Outlet (R)  
(Housing is weather tight with CG option) 

### Switch

**K** = Single (SPDT)  
**KK** = Dual (DPDT) - (KK has 6x dead band multiplier)  
 Both Switches: 15 A @ 250 VAC, 5A @ 30 VDC

### Options / Accessories

**MM**= Vacuum protector plate (STD with vacuum + compound range)  
**CG**= Cemented Cover Gasket  
**YY**= Epoxy coating (Exterior)  
**RR**= Stainless Steel tag (TT = H.D. Tag)  
**SP**= Specify set point (set by factory, N/C)  
 Example: SP 50A = 50psi ascending  
 (If set point not specified, factory will set at mid point.)

#### 316SS Diaphragm Seals

(Max working pressure = 1,500 psi)

Process Connection	Code for 04-,05-,06-,54-,56-ranges	Code for 12-,54-,56-ranges
1/2"NPTF	W52S	W62S
1/4"NPTF	W54S	W64S
ANSI Flange (Specify Size)	W5FS	W6FS

std. fill = silicone  
 Other diaphragm seals available - consult factory.

### Pressure Port (Wetted)

#### 316SS

**C1** = 1/4" NPTF  
**C2** = 1/2" NPTF

**Sanitary Triclamp**  
 (3-A) Max. 600psi with Std. clamp

**C8** = 1 1/2" Triclamp  
 (ranges 05-,06-,56-)


**C9** = 2" Triclamp  
 (ranges 04-,05-,06-,54-,56-)  
 Other Triclamp sizes available.  
 std. fill = glycerin

**Aluminum**  
 (Available on ranges beginning: 12, 04, 52, 54)

**B1** = 1/4" NPTF  
**B2** = 1/2" NPTF

**Cast Iron**  
 (Available on ranges beginning 06, 05, 56)

**F1** = 1/4" NPTF  
**F2** = 1/2" NPTF



### Diaphragm (Wetted)

**N4** = Teflon - coated Polyamide w/ Buna O - ring  
**M4** = 316SS w/ Viton O - ring (required with 56- ranges)