GENERAL PURPOSE INDUSTRIAL SWITCHES
PRESSURE/VACUUM RANGES

Product Discontinued

PSW490 Series
Vacuum to 3000 psi
WATERTIGHT ENCLOSURE
NEMA-3, NEMA-4, NEMA-4X, NEMA-13 AND IP66

Starts at
$185

MADE IN USA CE

- **Watertight, Corrosion-Resistant Case**
- **Reliable in Harsh Environments**

The OMEGA® PSW490 Series of switches are designed to satisfy most industrial switch requirements. The actuators have been proven in more than 20 years of service worldwide. A Buna-N seal and SPDT switch is standard. Optional FKM or stainless steel seals extend media compatibility to most fluids, and either the hermetically sealed or dual SPDT switches will meet most switching applications.

SPECIFICATIONS

Switch: Snap action switch SPDT

Electrical:
Std: 15 A, 125/250/480 Vac, ½ A, 125 Vdc; ¼ A, 250 Vdc; 6 A, 30 Vdc
Hermetically Sealed: (suffix "-HS") 11 A, 125/250 Vac, 5A, 30 Vdc

Process Temperature Range:
Buna-N: -20 to 65°C (-4 to 149°F)
FKM: -5 to 150°C (23 to 302°F)
Stainless Steel: -20 to 150°C (-4 to 302°F)

Repeatability: ±1% Full Range

Proof Pressure: 400% of Range

Deadband:
Buna-N: See "To Order"
FKM: Multiply Buna-N by 1.4
Stainless Steel: Multiply Buna-N by 1.7

Enclosure: Epoxy-coated aluminum; meets NEMA-3, -4, -4x, -13 and IP66 requirements

Process Connection: ½ NPT male, ¼ NPT female combination

Electrical Connections: ¾ NPT entry, screw terminals internal

Wetted Parts: 316 SS, Buna-N

Dimensions:
psi ranges: 144 H x 102 W x 59 mm D (5.7 x 4 x 2.3")
inH_2O Ranges: W and D = 130 mm (5.1")

OPTIONAL CONFIGURATIONS

Hermetically Sealed Switch: add suffix **"-HS", $90**

Dual SPDT Switches: add suffix **"-DS", $60**

Stainless Steel Actuator Seal: (psi ranges to 1000) replace **"B"** in model number with **"SS", $50**

FKM Actuator Seal: (vacuum to 1000 psi ranges) replace **"B"** in model number with **"V"**, add **$10** for psi ranges or **$50** for in$H_2O$ ranges

MOST POPULAR MODELS HIGHLIGHTED!

To Order *(Specify Model Number)*

NOMINAL RANGE[1]	MODEL NUMBER	PRICE	PROOF (PSI)	APPROXIMATE DEADBAND[2]
STANDARD MODELS: BUNA-N SEAL, 15 A SWITCH				
30 inHg Vacuum	**PSW490B-A**	**$220**	250	1.5 to 3.0
-15 inH_2O/15 inH_2O	**PSW490B-B**	**220**	20	1.5 to 2.5/1.5 to 2.5
-30 inH_2O/30 inH_2O	**PSW490B-C**	**220**	20	1.5 to 2.5/1.5 to 2.5
30 inHg Vac/15 psi	**PSW490B-D**	**220**	250	2.0 to 3.0/0.5 to 1.5
30 inHg Vac/30 psi	**PSW490B-E**	**220**	250	3.0 to 6.0/1.0 to 2.0
30 inHg Vac/60 psi	**PSW490B-F**	**220**	250	5.0 to 9.0/3.0 to 5.0
10 inH_2O	**PSW490B-G**	**220**	20	1.0 to 2.0
30 inH_2O	**PSW490B-H**	**220**	20	1.5 to 2.5
60 inH_2O	**PSW490B-I**	**220**	20	1.5 to 3.5
100 inH_2O	**PSW490B-J**	**220**	20	2.5 to 5.5
150 inH_2O	**PSW490B-K**	**220**	20	4.5 to 8.5
15 psi	**PSW490B-L**	**185**	500	0.5 to 1.5
20 psi	**PSW490B-M**	**185**	500	0.5 to 1.5
60 psi	**PSW490B-N**	**185**	500	1.0 to 3.5
100 psi	**PSW490B-O**	**185**	1000	1.5 to 5.0
200 psi	**PSW490B-P**	**185**	1000	5 to 13
400 psi	**PSW490B-Q**	**185**	2400	5 to 24
600 psi	**PSW490B-R**	**185**	2400	9 to 30
1000 psi	**PSW490B-S**	**235**	12000	30 to 110
3000 psi	**PSW490B-T**	**235**	12000	80 to 235

Comes complete with operator's manual.

Notes: *1. Switches may generally be set between 15 and 100% of nominal range.*
2. Deadbands are in English units as shown in the Nominal Range column for Buna-N diaphragm models. See table in "Specifications" for approximate deadbands of optional seals.

Ordering Example: PSW490SS-L-HS *has a stainless steel seal, a range of 15 psi and a hermetically sealed 11A switch, $185 + 50 + 90 =* ***$325.***

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