



Pressure Switches

Series 2 Pressure Switch



Key Features

- Field Adjustable
- Compact Design
- All Anodized Aluminum Construction
- 316SS Pressure Ports Available
- All Markings Laser Engraved into body for long lasting durability and visibility
- Multiple Electrical Connections Available
- 11amp UL recognized micro switch standard, gold plated contacts and 5amp micro switch also available
- UL & cUL Approved
- NEMA 4, 4x, 13

How to Order

(Example: Part Number 2G11N1.63)

2 G 11 N1 . 63

Range

- 01 2 - 20 psi
- 03 5 - 95 psi
- 43 15 - 200 psi
- 53 50 - 450 psi
- 62 50 - 1000 psi
- 63 100 - 1800 psi
- 71* 100 - 1800 psi
- 72* 200 - 2500 psi
- 73* 350 - 3250 psi
- 74* 400 - 4500 psi

Diaphragm

- N1 Nitrile Polyamide
- F1 Viton Polyamide
- F2 Viton Stainless Steel
- N9* Nitrile SST Piston Teflon

Electrical Connection

- 10 18" Free leads
- 11 DIN 43650/IP65
- 16 Liquid tight Connector
- 52 MS 3102R 12S-3P (2PIN)
- 53 MS 3102R 14S-7P (3PIN)

Pressure Connection

- A AL 1/2"-14 NPT
- C 316SS 1/4"-18 NPT
- G AL 1/4"-18 NPT
- P* AL 1/4"-18 NPT
- Z 316SS1/2"-14 NPT

Operating Specifications

Adjustment Range	See Table Below for Options
Circuit Form	SPDT
Electrical Ratings	11A (RES/IND) - 1/4 HP @125 OR 250VAC 5A RES, 3A IND @ 28VDC .5A RES @ 28VDC Optional: 100mA @125VAC, 0.25A @ 6VDC
Pressure Connection	See Ordering Chart Adjacent for Options
Temperature Range	-30°F to 160°F (-34°C to 71°C)
Diaphragm Material	See Ordering Chart Adjacent for Options
Electrical Connection	See Ordering Chart Adjacent for Options
Multi-Conductor Cable	UL 22464, CSA T1 18AWG PVC insulated per UL 1007, secured with a nylon liquid tight connector
Cycle Life	Model 2A, 2C, 2G, 2Z for moderate to low cycling Model 2P for high cycling applications

Model	Range ID Number	Switch Adjustment Range		Dead Band Approx.		Max System		Proof Test	
		psi	bar	psi	bar	psi	bar	psi	bar
2A 2Z	.01	2 - 20	0.138 - 1.38	0.2 - 2	0.014 - 0.138	500	34.5	1000	68.9
	.03	5 - 95	0.34 - 6.55	1 - 6	0.069 - 0.414	750	51.7	1000	68.9
2C 2G	.43	15 - 200	1.03 - 13.79	2 - 15	0.138 - 1.03	1000	68.9	1250	86.2
	.53	50 - 450	3.45 - 31.03	5 - 30	0.345 - 2.07	1500	103.4	3000	206.8
2C 2G	.62	50 - 1000	3.45 - 68.95	10 - 50	0.69 - 3.45	2000	137.9	5000	344.7
	.63	100 - 1750	6.89 - 120.66	20 - 100	1.38 - 6.89	3000	206.8	5000	344.7
2P	.71	100 - 1800	6.89 - 124.11	25 - 125	1.72 - 8.62	5000	344.7	10000	689.5
	.72	200 - 2500	13.79 - 172.37	30 - 150	2.07 - 10.34	5000	344.7	10000	689.5
	.73	350 - 3250	24.13 - 224.09	50 - 350	3.45 - 24.13	7500	517.1	10000	689.5
	.74	400 - 4500	27.58 - 310.27	80 - 350	5.52 - 24.13	7500	517.1	10000	389.5

Options:

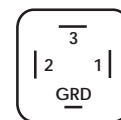
(Example: Part Number 2G11N1.63.B)

- .1 MS33649-4 Pressure Fitting
- .2 Gold Contact Switch
- .5 5A Micro Switch
- .B Base bracket for mounting

* Available only for model 2P (Piston Pressure Switch)

Wiring Diagram

DIN43650



- PIN 1 = N.O.
- PIN 2 = N.C.
- PIN 3 = COM

18" Free leads

- BLUE = N.O.
- RED = N.C.
- BROWN = COM
- GREEN = GRD

Dimensional Specifications

