

# ADJUSTABLE PRESSURE SWITCH 250 Volt Type PF244

Max Voltage: 250 V  
 Current: 3 A @ 48Vdc - 4A @ 250Vac  
 Certification: CE  
 Contact: SPST-NO (Normally Open)  
 SPST-NC (Normally Closed)  
 Electrical Connection: Faston 6,35 x 0,8  
 Standard Materials: Zinc Plated Steel Body  
 HNBR Diaphragm/Gasket  
 Switch housing Nylon 6/6  
 Silver plated contact  
 Electrical Protection: IP 00  
 IP54 with CP54 Protection cap  
 Mechanical life: 10<sup>6</sup> cycles (Membrane)  
 Setting: Internal Screw  
 Mounting: Hexagon body Sw24

PF244

CP54



Rev.05/2018

## ORDERING CODE

**PF244 10 BR V C 14 T5D**

<b>TYPE</b>	PF244
Faston Pressure Switch CH24	
<b>ADJUSTABLE RANGE</b>	10
1 - 2 - 10 - 20 - 50 - 300	
<b>BODY MATERIALS</b>	BR
ZP - BR - SS3 - SS6	
<b>MEMBRANE MATERIALS</b>	V
HN - NB - V - S - E - SS	
<b>ELECTRICAL SWITCH</b>	C
O - C	
<b>CONNECTIONS</b>	14
18 - 14 - 10K - 18C - 14C	
<b>SPECIAL EXECUTIONS</b>	T5D
T - TD - G - SG - ST** - SW	

## CODE EXPLANATION

### TYPE

PF244 Adjustable with Faston pressure switch

### RANGE

1	0,1 ÷ 1 bar
2	0,2 ÷ 2 bar
10	1,5 ÷ 10 bar
20	9 ÷ 20 bar
50	15 ÷ 50 bar
300	40 ÷ 300 bar

### BODY MATERIAL

ZP	Zinc Plated Steel (standard)
BR	Brass Max Press. 80 bar (Only range 1, 2, 10 bar)
SS3	Stainless Steel AISI 303
SS6	Stainless Steel AISI 316

### DIAPHRAGM/GASKET MATERIALS/TEMPERATURES

HN	HNBR	-20 ... +120 °C (standard)
NB	NBR	-20 ... +90 °C
V	FKM	-25 ... +120 °C
S	Silicone	-40 ... +140 °C
E	EPDM	-20 ... +120 °C
SS	Inox	-30 ... +140 °C (P. Max 80 bar)

### ELECTRICAL CONTACT

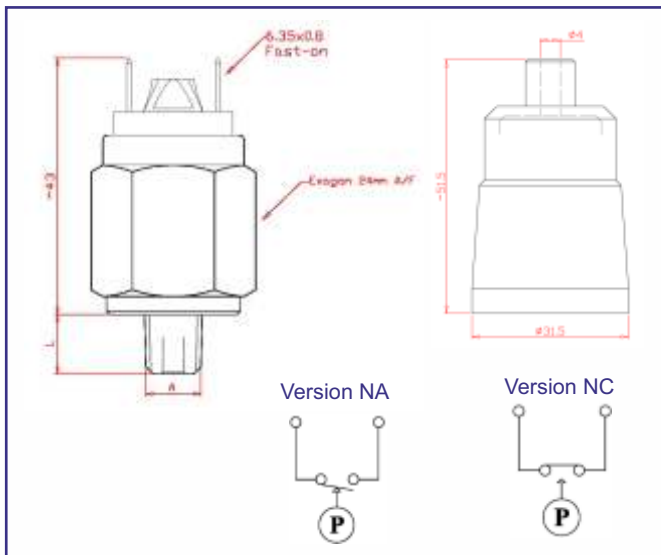
O	SPST Normally Open
C	SPST Normally Closed

### CONNECTIONS Quote A

18	1/8 Gas Taper L=10 mm
14	1/4 Gas Taper L=12 mm
10K	M10 x 1 Taper L=10 mm
18C	1/8 Gas Parallel L=10 mm
14C	1/4 Gas Parallel L=12 mm

### SPECIAL EXECUTIONS

T	Rising set point @ indicated value
TD	Falling set point @ indicated value
HL	Resistive electrical load 3A @ 48 Volt
G	Gold plated Contact for low current
SG	Degreased for oxygen
ST**	Special threads (NPT, SAE, Metric etc...)
SW	Special wiring (Automotive, Integrated/free connector etc...)



Type	Adjustable Range (bar rel.)	Maximum static pressure bar	Fixed hysteresis @ 25°C (bar)	Set-point tolerance @ 25°C (bar)	Execution
<b>PF244</b>					
1	0,1 ÷ 1	350	0,08	±0,08	Membrane
2	0,2 ÷ 2	350	0,13	±0,15	Membrane
10	1,5 ÷ 10	350	0,20	±0,50	Membrane
20	9 ÷ 20	350	0,35	±1,0	Membrane
50	15 ÷ 50	350	1,5	±2,0	Membrane
300	40 ÷ 300	600	15	±15	Piston