

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: 10⁶ cycles (Membrane)
 Setting: Internal Screw
 Mounting: Hexagon body Sw24

PF244

CP54



Rev.05/2018

ORDERING CODE

PF244 10 BR V C 14 T5D

TYPE	PF244
Faston Pressure Switch CH24	
ADJUSTABLE RANGE	10
1 - 2 - 10 - 20 - 50 - 300	
BODY MATERIALS	BR
ZP - BR - SS3 - SS6	
MEMBRANE MATERIALS	V
HN - NB - V - S - E - SS	
ELECTRICAL SWITCH	C
O - C	
CONNECTIONS	14
18 - 14 - 10K - 18C - 14C	
SPECIAL EXECUTIONS	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

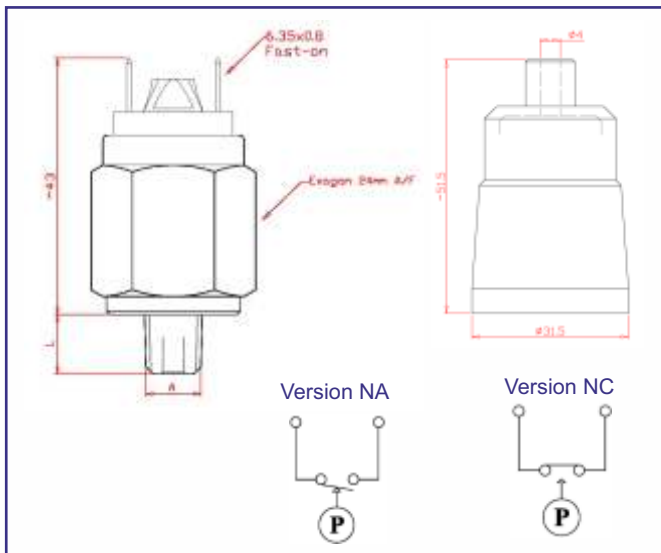
O	SPST Normally Open
C	SPST Normally Closed

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
PF244					
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