

# ADJUSTABLE PRESSURE SWITCH TYPE PF243

Max Voltage: 48 V  
 Current: 0,5 A Resistive - 0,2 Inductive  
 Certification: CE  
 Contact: SPST-NO (Normally Open)  
 SPST-NC (Normally Closed)  
 Electrical Connection: Faston 6,3 x 0,8  
 Standard Materials: Zinc Plated Steel Body  
 HNBR Diaphragm/Gasket  
 Switch housing Nylon 6/6  
 Silver plated contact  
 Electrical Protection: IP00  
 IP54 with CP54 Protection Cap  
 Mechanical life: 10<sup>6</sup> cycle  
 Electrical life: 10<sup>5</sup> cycle  
 Setting: Internal Screw

**PF243**



**CP54**



Rev.04/2016

## ORDERING CODE

**PF243 10 BR V C 14 T5D**

<b>TYPE</b>	Faston Pressure Switch SW24
<b>ADJUSTABLE RANGE</b>	1 - 2 - 10 - 20 - 50 - 300
<b>BODY MATERIAL</b>	ZP - BR - SS3 - SS6
<b>MEMBRANE MATERIAL</b>	HN - NB - V - S - E - SS
<b>ELECTRICAL SWITCH</b>	O - C
<b>CONNECTION</b>	18 - 14 - 10K - 18C - 14C
<b>SPECIAL EXECUTION</b>	T - TD - G - SG - ST** - SW

## CODE EXPLANATION

### TYPE

PF243 Faston Adjustable 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

### ELECTRICAL CONTACT

O	SPST Normally Open
C	SPST Normally Closed

### CONNECTIONS Quote A

18	1/8 Gas Taper L1=10 mm
14	1/4 Gas Taper L1=12 mm
10K	M10 x 1 Taper L1=10 mm
18C	1/8 Gas Parallel L1=10 mm
14C	1/4 Gas Parallel L1=12 mm

### SPECIAL EXECUTIONS

T	Rising set point @ indicated value
TD	Falling set point @ indicated value
G	Gold plated Contact for low current
SG	Degreased for oxygen
ST**	Special threads (NPT, SAE, Metrico 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>PF243</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	± 0,2	± 0,5	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

