

# 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



Rev.04/2016

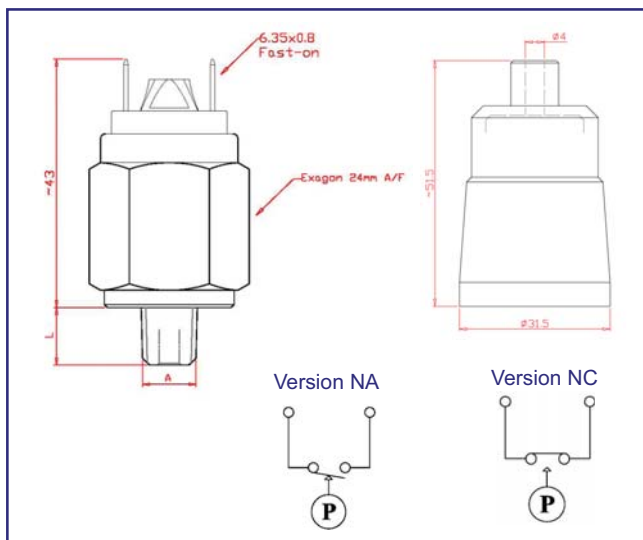
## ORDERING CODE

**PF244 10 BR V C 14 T5D**

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

## CODE EXPLANATION

<b>TYPE</b>	PF244 Adjustable with Faston pressure switch
<b>RANGE</b>	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
<b>BODY MATERIAL</b>	ZP Zinc Plated Steel (standard) BR Brass Max Press. 80 bar (Only range 1, 2, 10 bar) SS3 Staninless Steel AISI 303 SS6 Stainless Steel AISI 316
<b>DIAPHRAGM/GASKET MATERIALS/TEMPERATURES</b>	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
<b>ELECTRICAL CONTACT</b>	O SPST Normally Open C SPST Normally Closed
<b>CONNECTIONS Quote A</b>	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
<b>SPECIAL EXECUTIONS</b>	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 connectoor 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