

SCREW TERMINALS ADJUSTABLE PRESSURE SWITCH TYPE PS245

Max Voltage: 48 V
 Current: 0,5 A Resistive
 Certification: CE
 Contact: SPST-NO (Normally Open)
 SPST-NC (Normally Closed)
 Electrical Connection: Screw Terminals
 Standard Materials: Zinc Plated Steel Body
 HNBR Diaphragm/Gasket
 Switch housing Nylon 6/6
 Silver plated contact
 Electrical Protection: IP65 with CP65 Protection cap
 Mechanical life: 10⁶ cycles (Membrane)
 Setting: Internal Screw
 Mounting: Hexagonal body Sw24

PS245

CP65



Rev.05/2018

ORDERING CODE

PS245 50 ZP S C 14 T5D

TYPE

Faston Pressure Switch SW 24

ADJUSTABLE RANGE

1 - 2 - 10 - 20 - 50 - 300

BODY MATERIALS

ZP - BR - SS3 - SS6

MEMBRANE MATERIALS

HN - NB - V - S - E - SS

ELECTRICAL SWITCH

O - C

CONNECTIONS

18 - 14 - 10K - 18C - 14C

SPECIAL EXECUTIONS

T - TD - G - SG - ST** - SW

CODE EXPLANATION

TYPE

PS245 Screw terminals Adjustable Pressure switches

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 1, 2, 10 bar)
 SS3 Stainless Steel AISI 303
 SS6 Stainless Steel AISI 316

DIAPHRAGM/GASKET MATERIALS/TEMPERATURES

HN HNBR -25 ... +130 °C (standard)
 NB NBR -5 ... +60 °C
 V FKM -5 ... +110 °C
 S Silicone -40 ... +140 °C
 E EPDM -20 ... +120 °C
 SS Stainless Steel -30 ... +140 °C (P. Max 80 bar)

ELECTRICAL SWITCH

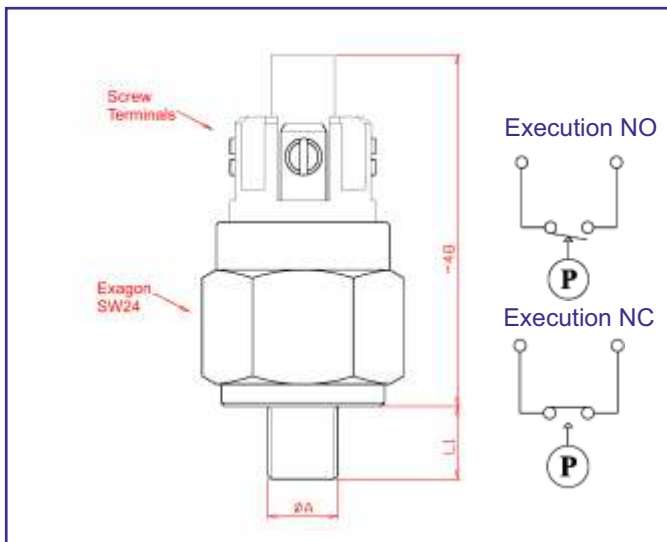
O Normally Open
 C Normally Closed

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
 TG Tested for Gas
 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
PS245					
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	±0,8	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