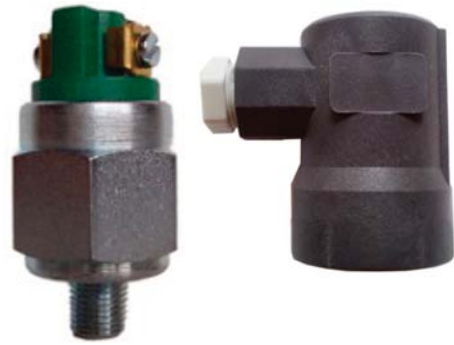


SCREW TERMINALS ADJUSTABLE PRESSURE SWITCH TYPE PS245

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.04/2016

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

ELECTRICAL SWITCH

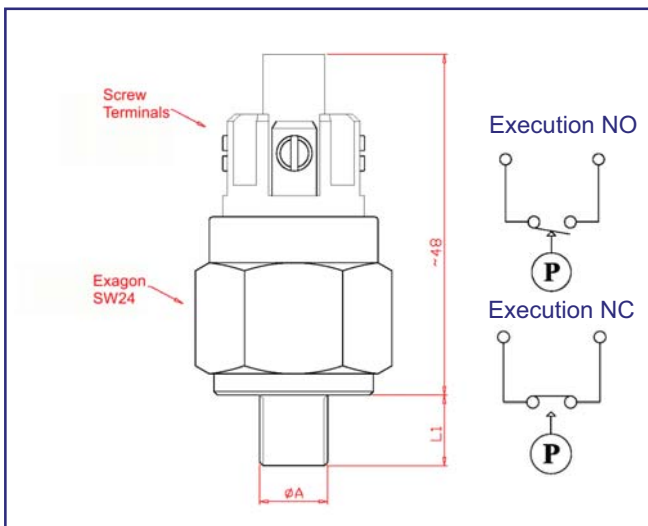
O Normally Open
 C Normally Closed

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