

# SCREW ADJUSTABLE VACUUM SWITCH TYPE VS245

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: Screw Terminals  
 Standard Materials: Zinc Plated Steel Body  
 HNBR Diaphragm/Gasket  
 Switch housing Nylon 6/6  
 Silver plated contact  
 Electrical Protection: IP00  
 IP65 with CP65 Protection Cap  
 Mechanical life: 10<sup>6</sup> cycles  
 Electrical life: 10<sup>5</sup> cycles  
 Setting: Internal Screw



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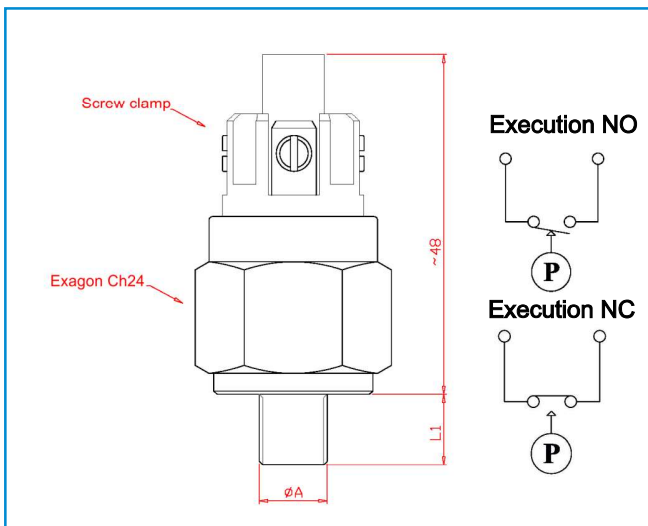
## ORDERING CODE

**VS245 29 SP S A 14 T300**

<b>TYPE</b>	Screw Terminal Vacuum Switch
<b>ADJUSTABLE RANGE</b>	29
<b>BODY MATERIALS</b>	ZP - BR - SS3 - SS6
<b>MEMBRANE MATERIALS</b>	HN - NB - V - S - E - SS
<b>ELECTRICAL SWITCHES</b>	O - C
<b>CONNECTIONS</b>	18 - 14 - 10K - 18C - 14C
<b>SPECIAL EXECUTIONS</b>	T - TD - G - SG

## CODE EXPLANATION

**TYPE**  
 PS245 Screw Adjustable Vacuum switch  
**RANGE**  
 29 -200 ÷ -900 mbar  
**BODY MATERIAL**  
 ZP Zinc Plated Steel (standard)  
 BR Brass (P. Max 80 bar)  
 SS3 Staninless Steel AISI 303  
 SS6 Stainless Steel AISI 316  
**DIAPHRAGM/GASKET MATERIALS/TEMPERATURE**  
 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 SWITCHES**  
 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



Type	Adjustable range (mbar rel.)	Maximum static pressure	Hysteresis @ 25°C (mbar)	Execution
<b>VS245</b>				
29	-200 ÷ -900	20 bar	±50	Membrane