



VPENV-PS/O-S-L-GH

Vacuum switch

Feature	Data/description
Assembly position	Any
Short circuit strength	Yes
Measured variable	Differential pressure
Measurement method	Electronic differential pressure switch
Switching element function	Changeover switch
Polarity protected	for operating voltage
Ready status display	Green LED
Hysteresis adjustment range [bar]	0,025 - 0,5 bar
Operating status display	Yellow LED
Operating pressure	-1 - 1 bar
Operating voltage DC	10 - 30 V
Max. output current	130 mA
Switch output	PNP
Operating medium	Compressed air, filtered, unlubricated Filtered, lubricated air Vacuum air, lubricated Vacuum air, unlubricated
CE Symbol	In compliance with EU directive 89/336/EWG (EMV)
Medium temperature	0 - 50 °C
Protection class	IP65
Ambient temperature	0 - 50 °C
Product weight	40 g
Pressure measuring range	-1 - 0 bar
Accuracy, FS	2 %



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Feature	Data/description
Electrical connection	M8x1 Plug 4-pin
Mounting type	Optional with through hole with top-hat rail
Pneumatic connection	M5
Materials information, housing	PET-reinforced