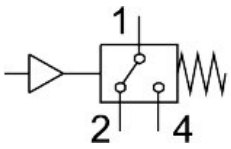
PE converter
PE-1/8-2N-SW

Part number: 7862





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-1
CE marking (see declaration of conformity)	As per EU low voltage directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
Measured variable	Relative pressure
Method of measurement	Pneumatic/electric pressure transducer
Operating pressure	0 MPa...0.8 MPa 0 bar...8 bar
Max. overload pressure	12 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Lubricated operation possible
Temperature of medium	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Switching output	Contact-based
Switching function	Threshold value with fixed hysteresis
Switching element function	Changeover switch
Max. switch-on point	2 bar
Min. switch-off point	0.5 bar
Max. switching frequency	1 Hz
Minimum load current	100 mA
Operating voltage range AC	12 V...250 V
DC operating voltage range	12 V...250 V
Utilization category for inductive load	AC-14 DC-13
Utilization category for ohmic load	AC-12 DC-12
Electrical connection	3 connecting wires
Electrical connection 1, connection technology	Open end
Cable length	0.5 m
Material of cable sheath	PVC
Type of mounting	Alternatively: On mounting frame 2n With through-hole
Mounting position	Any

Feature	Value
Pneumatic connection	G1/8
Product weight	65 g
Housing material	Die-cast aluminum PA-reinforced Steel VMQ (silicone)
Switching contact material	Silver
Electrical connection material	Tin-plated
Diaphragm material	TPE-U(PU)
Setting options	Preset
Degree of protection	IP67
Insulation voltage	2 kV
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Contamination level	3