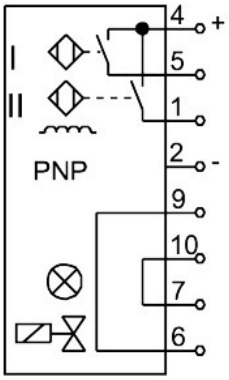
Limit switch box
SRBG-C1-N-1-P-C2-C2

Part number: 3568165





Data sheet

Feature	Value
Design	Square
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	RCM compliance mark c UL us (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC characters	KC-EMV
Note on materials	RoHS compliant
Measuring principle	Inductive
Ambient temperature	-25 °C...70 °C
Switching output	PNP
Switching element function	N.O. contact
Max. switching frequency	500 Hz
Max. output current DC	100 mA
Voltage drop	3 V
Residual current	0 mA...0.5 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V...30 V
Idle current	25 mA
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Terminal strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connection technology	Spring-loaded terminal

Feature	Value
Electrical connection 1, number of pins/wires	10
Closable nominal conductor cross-section	0.2 mm²...2.5 mm²
Cable fitting	M20x1.5
Type of mounting	Screwed
Mounting position	Any
Product weight	170 g
Housing material	PBT
Material of screws	high-alloy stainless steel
Ready status indication	Green LED
Switching status indication	Yellow LED
Status indicator	LED yellow = pneumatic valve switching status
Storage temperature	-25 °C...70 °C
Degree of protection	IP67
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
LABS (PWIS) conformity	VDMA24364 Zone III
Contamination level	3