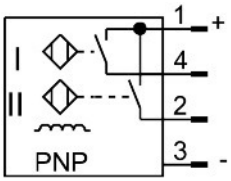
Sensorbox
SRBG-C1-N-1-P-M12

Part number: 3568055





Data sheet

Feature	Value
Design	Square
Based on standard	EN 60947-5-2 VDI/VDE 3845
Approval	RCM c UL us (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	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
Off-state current	0 mA...0.5 mA
Short circuit current rating	Pulsed
Operational voltage range DC	10 V...30 V
No-load supply current	25 mA
Reverse polarity protection	For all electrical connections
Electrical connection input	M12x1
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Type of mounting	Threaded
Mounting position	Any
Product weight	70 g

Feature	Value
Material housing	PBT
Material screws	High-alloy stainless steel
Material fitting	Nickel-plated die-cast zinc
Ready status indication	Green LED
Switching status indication	Yellow LED
Storage temperature	-25 °C...70 °C
Degree of protection	IP67
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
LABS (PWIS) conformity	VDMA24364 zone III
Pollution degree	3