Limit switch box
SRBI-C2-N-1-P-M12

Part number: 8140399



Data sheet

Feature	Value
Design	Angular
Based on standard	EN 60947-5-2 VDI/VDE 3845
Approval	RCM trademark c UL us - Recognized (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
Certificate issuing authority	UL E232949
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	1000 Hz
Max. output current DC	200 mA
Voltage drop	2.5 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	22.5 mA
Reverse polarity protection	For all electrical connections
Electrical connection input	Plugs M12x1 4-pin
Mounting position	optional
Product weight	48 g
Material housing	PBT
Material screws	High-alloy stainless steel
Ready status indication	Green LED
Switching status indication	Yellow LED

Feature	Value
Status indication	LED yellow = valve switching status LED green = power supply indicator
Storage temperature	-40 °C...85 °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