

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

Part number: 8140400

FESTO



Data sheet

Feature	Value
Type code	SRBI
Design	Rectangular
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	RCM compliance mark c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
KC characters	KC EMC
Certificate issuing authority	UL E232949
Note on materials	Contains paint-wetting impairment substances 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
Residual current	0 mA ... 0.5 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Idle current	≤22.5 mA
Reverse polarity protection	for all electrical connections
Electrical connection, input	Spring-loaded terminal
Electrical connection, output	Spring-loaded terminal
Cable diameter	1.5 mm ... 2.5 mm
Closable nominal conductor cross-section	0.2 mm ² ... 2.5 mm ²
Cable fitting	M20x1.5
Mounting position	Any
Product weight	98 g
Housing material	PBT
Material of screws	High-alloy stainless steel
Ready status indication	LED green
Switching status indication	LED yellow
Status indicator	LED yellow = pneumatic valve switching status LED green = power supply indicator
Storage temperature	-40 °C ... 85 °C

Feature	Value
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
Contamination level	3