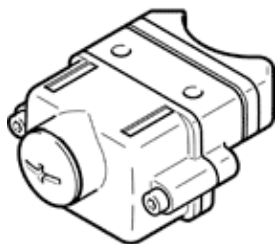


limit switch box SRBI-C2-N-1-P-C2

Part number: 8140400

FESTO



Data sheet

Feature	Value
Design	Angular
Based on the standard	EN 60947-5-2 VDI/VDE 3845
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC 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 department	UL E232949
Materials note	Conforms to RoHS
Measuring principle	Inductive
Ambient temperature	-25 ... 70 °C
Switch output	PNP
Switching element function	Normally open contact
Max. switching frequency	1,000 Hz
Max. output current DC	200 mA
Voltage drop	≤ 2.5 V
Residual current	0 ... 0.5 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Idle current	≤ 22.5 mA
Polarity protected	for all electrical connections
Electrical input connection	Cage clamp terminal
Electrical output connection	Cage clamp terminal
Cable diameter	1.5 ... 2.5 mm
Connectable nominal conductor cross section	0.2 ... 2.5 mm ²
Cable gland connection	M20x1,5
Assembly position	Any
Product weight	98 g
Material housing	PBT
Material screws	High alloy steel, non-corrosive
Ready status display	Green LED
Operating status display	Yellow LED
Status display	Yellow LED = valve switching status LED green = operating voltage display
Storage temperature	-40 ... 85 °C
Protection class	IP67
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
PWIS conformity	VDMA24364 zone III
Degree of contamination	3