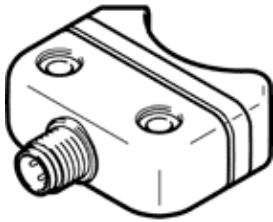


# limit switch box SRBI-C2-N-1-P-M12

Part number: 8140399

FESTO



## Data sheet

Feature	Value
Design	Angular
Based on the standard	EN 60947-5-2 VDI/VDE 3845
Authorization	RCM Mark c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline 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	M12x1 Plug 4-pin
Assembly position	Any
Product weight	48 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