

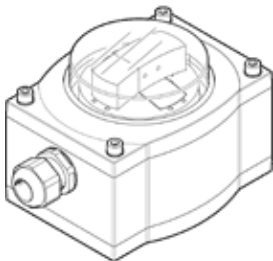
# limit switch box

## SRAP-M-CA1-YB270-1-A-TM20

Part number: 568242

FESTO

Analog feedback signal from 4...20mA for monitoring of process valves actuated with pneumatic quarter turn actuators.



## Data sheet

Feature	Value
Design	Angular
Based on the standard	VDI/VDE 3845 (NAMUR)
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
Materials note	Conforms to RoHS
Measured variable	Rotation angle
Measuring principle	Hall magnetic
Ambient temperature	-20 ... 80 °C
Analog output	4 - 20 mA
Repetition accuracy analog output in ± °	1 deg
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	15 ... 30 V
Idle current	12 ... 20 mA
Polarity protected	for all electrical connections
Electrical connection	9-pin Screwed terminal Plug-in
Connectable nominal conductor cross section	2.5 mm <sup>2</sup>
Cable gland connection	M20
Permissible cable diameter	5 ... 13 mm
Max. line length	30 m
Assembly position	Any
Product weight	1,000 g
Material housing	Wrought Aluminum alloy
Position indicator	Yellow/black
Setting options	Teach-In Teach-in via electrical connection
Setting range, angle recording	0 ... 270 deg
Protection class	IP65
Insulation voltage	50 V
Surge strength	0.8 kV
Safety class	III
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3