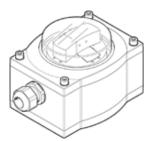
## limit switch box SRAP-M-CA1-YB270-1-A-TM20

Part number: 568242

**FESTO** 

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



## **Data sheet**

Feature	Value	
Design	Angular	
Based on the standard	VDI/VDE 3845 (NAMUR)	
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	
Materials note	Conforms to RoHS	
Measured variable	Rotation angle	
Measuring principle	Hall magnetic	
Ambient temperature	-20 80 °C	
Analogue output	4 - 20 mA	
Repetition accuracy analogue 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 mm2	
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 Aluminium 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	