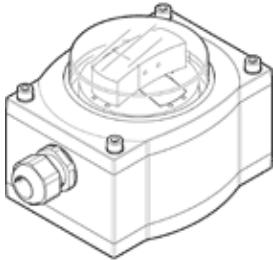


# sensor box SRAP-M-CA1-YB270-1-A-TM20

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
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 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 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
Degree of contamination	3