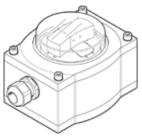
limit switch box SRAP-M-CA1-YB270-1-A-TP20-EX2

Part number: 568245

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
	according to EU-Ex protection guideline (ATEX)
	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
	To UK EX instructions
	To UK RoHS instructions
ATEX category Gas	II 3G
Explosion ignition protection type Gas	Ex ec IIC T5 Gc X
ATEX category Dust	II 3D
Explosion ignition protection type Dust	Ex tc IIIC T90°C Dc X
Explosion protection certification outside the EU	EPL Dc (GB)
	EPL Gc (GB)
Explosion-proof ambient temperature	-20°C <= Ta <= +80°C
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 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 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

FESTO

FESTO

Feature	Value
Insulation voltage	50 V
Surge strength	0.8 kV
Safety class	
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3