Sensorbox
SRAP-M-CA1-GR270-1-A-TM20

Part number: 568238



Data sheet

Feature	Value
Design	Angular
Based on standard	VDI/VDE 3845 (NAMUR)
Approval	RCM trademark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS-compliant
Measured variable	Rotation angle
Measuring principle	Magnetic Hall
Ambient temperature	-20 °C...80 °C
Analogue output	4 - 20 mA
Repetition accuracy analogue output in ± °	1 deg
Short circuit current rating	yes
Overload protection	Available
Operational voltage range DC	15 V...30 V
No-load supply current	12 mA...20 mA
Reverse polarity protection	For all electrical connections
Electrical connection	9-pin Screw terminal Plug-in
Connectable nominal cross section conductor	2.5 mm²
Cable fitting	M20
Permissible cable diameter	5 mm...13 mm
Max. cable length	30 m
Mounting position	optional
Product weight	1000 g
Material housing	Wrought aluminium alloy
Position indicator	Red/green
Setting options	Teach-in Teach-in via electrical connection
Setting range of angular detection	0 deg...270 deg

Feature	Value
Degree of protection	IP65
Insulation voltage	50 V
Immunity to surge	0.8 kV
Protection class	III
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3