

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

Part number: 568238

FESTO



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 |