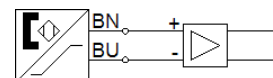
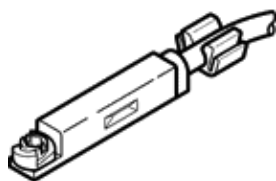


Proximity Sensor SMT-8F-I-8,2V-K5,0-OE-EX

Part number: 536956

FESTO

Electric, contactless, NPN, two wire Namur design, for drives with T-slot, assembly from above, with cable.



Data sheet

| Feature | Value |
|--|--|
| Design | for T-slot |
| Conforms to standard | EN 60947-5-6 |
| Authorization | RCM Mark |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline according to EU-Ex protection guideline (ATEX) |
| ATEX category Gas | II 1G |
| Explosion ignition protection type Gas | Ex ia IIC T4...T6 Ga |
| ATEX category Dust | II 1D |
| Explosion ignition protection type Dust | Ex ia IIIC T95°C Da |
| Explosion protection certification outside the EU | EPL Da (RU) EPL Db (IN) EPL Dc (RU) EPL Ga (RU) EPL Gb (IN) EPL Gc (RU) |
| Explosion-proof ambient temperature | -10°C ≤ Ta ≤ +70°C |
| Certificate issuing department | KEMA 04 ATEX 1114 X |
| Materials note | Free of copper and PTFE |
| Measuring principle | Magnetic inductive |
| Ambient temperature | -25 ... 70 °C |
| Switch output | NAMUR |
| Switching element function | NAMUR |
| Reproducibility of switching value | +/- 0,1 mm |
| Switch-on time | ≤ 0.5 ms |
| Switch-off time | ≤ 0.5 ms |
| Max. output current in Namur operating mode | 4.5 mA |
| Residual current | < 0.7 mA |
| Short circuit strength | for all electrical connections |
| Nominal operating voltage DC | 8.2 V |
| Polarity protected | for all electrical connections |
| Electrical connection 1, connection type | Cable |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 2 |
| Cable length | 5 m |
| Material cable sheath | PVC |
| Mounting type | Clamped in T-slot |
| Assembly position | Any |
| Product weight | 70 g |
| Material housing | PA |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP65 IP67 |