

Control cable NEBC-S1G25-K-2.5-N-LE26

Part number: 552254

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Cable designation | Without inscription label holder |
| Mounting position | optional |
| Product weight | 570 g |
| Electrical connection 1 | Straight plug connector, Sub-D, 25-pin |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Angular |
| Electrical connection 1, connection type | Plugs |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | Sub-D |
| Electrical connection 1, number of connections/cores | 25 |
| Electrical connection 1, used connections/cores | 25 |
| Electrical connection 1, type of mounting | 2x screw 4-40 UNC |
| Electrical connection 1, connection pattern | 00995643 |
| Electrical connection 2 | Open end, 26-wire |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connector system | Open end |
| Electrical connection 2, number of connections/cores | 26 |
| Electrical connection 2, used connections/cores | 26 |
| Operational voltage range DC | 0 V ... 30 V |
| Nominal operating voltage DC | 24 V |
| Current rating at 40° C | 3.9 A |
| Permissible current load | 3.9 A |
| Immunity to surge | 0.8 kV |
| Shielding | yes |
| Cable length | 2.5 m |
| Cable characteristic | Standard |
| Test conditions cable | Bending strength: to Festo standard |
| Min. cable bending radius | 220 mm |
| Bending radius, fixed cable | ≥220 mm |
| Cable diameter | 10.8 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable structure | 5 x (2 x 0.25 mm ²) + 16 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |
| Connection cross section | 0.25 mm ² |

| Feature | Value |
|--|---|
| Wire ends | Wire ferrule Pin terminal |
| Degree of protection | IP20 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -30 °C ... 80 °C |
| Ambient temperature with moving cable | -5 °C ... 80 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath | PVC |
| Cable sheath colour | Grey |
| Material housing | Die-cast zinc, nickel-plated |
| Material electrical contact | Copper alloy, tin-plated Nickel-plated and gold-plated |
| Material insulating sheath | PVC |