

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

Part number: 552254

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Cable designation | Without label holder |
| Mounting position | Any |
| Product weight | 570 g |
| Electrical connection 1 | Straight plug, Sub-D, 25-pin |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Rectangular |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connection technology | Sub-D |
| Electrical connection 1, number of pins/wires | 25 |
| Electrical connection 1, occupied pins/wires | 25 |
| Electrical connection 1, type of mounting | 2x screw, 4-40 UNC |
| Electrical connection for input 1, connection pattern | 00995643 |
| Electrical connection 2 | Open end, 26-wire |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connection technology | Open end |
| Electrical connection 2, number of pins/wires | 26 |
| Electrical connection 2, occupied pins/wires | 26 |
| DC operating voltage range | 0 V ... 30 V |
| Nominal operating voltage DC | 24 V |
| Current rating at 40° C | 3.9 A |
| Current rating | 3.9 A |
| Surge resistance | 0.8 kV |
| Shield | yes |
| Cable length | 2.5 m |
| Cable characteristic | Standard |
| Connector cable test conditions | Flexural strength: as per Festo standard |
| Min. cable bending radius | 220 mm |
| Bending radius, fixed cable installation | ≥220 mm |
| Cable diameter | 10.8 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable design | 5 x (2 x 0.25 mm ²) + 16 x 0.25 mm ² |
| Nominal conductor cross section | 0.25 mm ² |
| Connection cross section | 0.25 mm ² |

| Feature | Value |
|--|---|
| Wire ends | Cable end sleeve Pin terminal |
| Degree of protection | IP20 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -30 °C ... 80 °C |
| Ambient temperature with flexible cable installation | -5 °C ... 80 °C |
| CE marking (see declaration of conformity) | As per EU RoHS directive |
| UKCA 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 of cable sheath | PVC |
| Color cable sheath | Gray |
| Housing material | Die-cast zinc, nickel-plated |
| Material of pin contacts | Copper alloy, tin-plated Nickel-plated and gold-plated |
| Insulating sheath material | PVC |