

Connecting cable

NEBV-S1G25-K-2.5-N-LE25-S6

Part number: 575417

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|----------------------------------|
| Based on standard | DIN 47100 |
| Cable designation | Without inscription label holder |
| Frequency of connection | 50 |
| Product weight | 490 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Angular |
| Electrical connection 1, connection type | Socket |
| 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 | 00995642 |
| 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 | 25 |
| Electrical connection 2, used connections/cores | 25 |
| Operational voltage range DC | 0 V ... 30 V |
| Current rating at 40° C | 2.6 A |
| Immunity to surge | 2.4 kV |
| Reverse polarity protection | yes |
| Cable length | 2.5 m |
| Cable characteristic | Standard |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥42 mm |
| Bending radius, moving cable | ≥126 mm |
| Cable diameter | 10.2 mm |
| Cable diameter tolerance | ± 0.25 mm |
| Cable structure | 25 x 0.34 mm ² |
| Nominal cross section conductor | 0.34 mm ² |
| Wire ends | Cut off bluntly |
| Degree of protection | IP40 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -35 °C ... 80 °C |
| Ambient temperature with moving cable | -5 °C ... 80 °C |

| Feature | Value |
|--|--------------------------------------|
| Storage temperature | -25 °C ... 75 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant |
| Pollution degree | 2 |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath | PVC |
| Cable sheath colour | Grey |
| Material housing | PC-reinforced |
| Housing colour | Black |
| Material screws | Nickel-plated brass |
| Material electrical contact | Bronze Bronze |
| Material insulating sheath | PVC |