

Connecting cable NEBC-P1W4-K-0.3-N-M12G5

Part number: 549293

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Based on norm | EN 61076-2-101 |
| Cable designation | Without label holder |
| Product weight | 188 g |
| Electrical connection | 5-pin M12x1 Plug, straight Square design/angled |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Rectangular |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connection technology | Plug pattern P1 |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection 1, occupied pins/wires | 4 |
| Electrical connection 1, type of mounting | Central screw M3 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | Plug |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 2, number of pins/wires | 5 |
| Electrical connection 2, occupied pins/wires | 4 |
| Electrical connection 2, type of mounting | Screw-type lock |
| Electrical connection 2, connection pattern | 00997355 |
| DC operating voltage range | 0 V ... 30 V |
| Operating voltage range AC | 0 V ... 30 V |
| Current rating at 40° C | 4 A |
| Surge resistance | 0.8 kV |
| Protective earth connection | Available |
| Shield | yes |
| Cable length | 0.3 m |
| Cable characteristic | Standard |
| Min. cable bending radius | 90 mm |
| Bending radius, fixed cable installation | ≥90 mm |
| Cable diameter | 5.9 mm |
| Approved cable diameter | 5.7 mm ... 6.1 mm |

| Feature | Value |
|--|--------------------------|
| Cable design | 4 x 0.34 mm ² |
| Nominal conductor cross section | 0.34 mm ² |
| Degree of protection | IP65 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -25 °C ... 80 °C |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °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 |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Material of cable sheath | PVC TPE-U(PUR) |
| Color cable sheath | Gray |
| Housing material | PA TPE-U(PUR) |
| Housing colour | Black |
| Insulating sheath material | PVC |