

Motor cable NEBM-M23G15-EH-7.5-Q10N-R3LEG14

Part number: 5251390

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Based on standard | EN 61984 |
| Cable designation | Without inscription label holder |
| Product weight | 3375 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Hybrid socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | M23x1 |
| Electrical connection 1, number of connections/cores | 15 |
| Electrical connection 1, used connections/cores | 12 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection 1, connection pattern | 00995912 |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, connection type | Plugs and cables |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connector system | RJ45 and open end |
| Electrical connection 2, number of connections/cores | 14 |
| Electrical connection 2, used connections/cores | 12 |
| Operational voltage range DC | 0 V ... 850 V |
| Operational voltage range AC | 0 V ... 630 V |
| Current rating at 40° C | 23.7 A |
| Immunity to surge | 6 kV |
| Shielding | yes |
| Cable length | 7.5 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥55.6 mm |
| Bending radius, moving cable | ≥97.3 mm |
| Cable diameter | 13.9 mm |
| Cable diameter tolerance | ± 0.3 mm |
| Cable structure | 4 x 2.5 mm ² + 1 x (2 x 1.0 mm ²) + 1 x (2 x 0.24 mm ²) + 2 x 2 x 0.15 mm ²) |
| Nominal cross section conductor | 2.5 mm ² |
| Wire ends | Wire ferrule |
| Degree of protection | IP67 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -40 °C ... 90 °C |

| Feature | Value |
|--|---|
| Ambient temperature with moving cable | -25 °C ... 80 °C |
| CE mark (see declaration of conformity) | To EU Low Voltage Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions To UK regulations for electrical equipment |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant Free of halogen |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Grey |
| Material insulating sheath | PP |