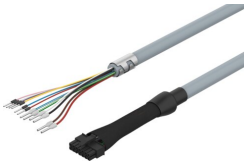
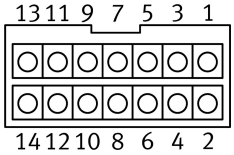
# Motor cable
# NEBM-L5G14-EH-10-Q6N-LE12

Part number: 8181672






## Data sheet

| Feature | Value |
|---|---|
| Based on standard | EN 61984 |
| Cable designation | Without inscription label holder |
| Product weight | 1460 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Square |
| Electrical connection 1, connection type | Hybrid socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | Connection pattern L5 |
| Electrical connection 1, number of connections/cores | 14 |
| Electrical connection 1, used connections/cores | 13 |
| Electrical connection 1, type of mounting | Snap-locking |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connector system | Open end |
| Electrical connection 2, number of connections/cores | 12 |
| Electrical connection 2, used connections/cores | 12 |
| electrical connection 2, type of mounting | Plugged in |
| Operational voltage range DC | 0 V...48 V |
| Current rating at 40° C | 7.6 A |
| Immunity to surge | 1.5 kV |
| Shielding | Yes |
| Cable length | 10 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | 42 mm |
| Bending radius, moving cable | 78.75 mm |
| Cable diameter | 10.5 mm |
| Cable diameter tolerance | ± 0.3 mm |
| Cable structure | 4 x 0.5 mm² + 2 x 0.5 mm² + 6 x 0.15 mm² |
| Nominal cross section conductor | 0.15 mm²<br>0.5 mm² |

| Feature | Value |
|---|---|
| Wire ends | Wire ferrule |
| Degree of protection | IP20 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -40 °C...90 °C |
| Ambient temperature with moving cable | -25 °C...80 °C |
| Overvoltage category | I |
| 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 zone III |
| Note on materials | RoHS compliant<br>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 |