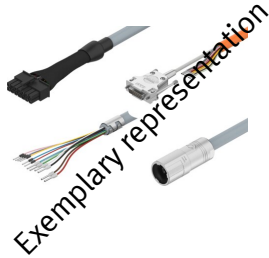


Motor cable NEBM-M23/40

Part number: 8190874



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|------------------------------------------------------|----------------------------------------------|
| Based on standard | EN 61984 |
| Cable designation | Without inscription label holder |
| Product weight | 0.199 g ... 0.547 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 M40x1.5 |
| Electrical connection 1, number of connections/cores | 15 |
| Electrical connection 1, used connections/cores | 12 |
| Electrical connection 1, type of mounting | Snap-locking |
| Electrical connection 1, connection pattern | 00995912 00997393 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Hybrid plug Cable |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connector system | M23x1 M40x1.5 RJ45 and open end |
| Electrical connection 2, number of connections/cores | 15 |
| Electrical connection 2, used connections/cores | 12 |
| electrical connection 2, type of mounting | Snap-locking Plugged in |
| Electrical connection 2, connection pattern | 00995641 00995653 00995913 00997380 |
| Operational voltage range DC | 0 V ... 850 V |
| Operational voltage range AC | 0 V ... 630 V |
| Current rating at 40° C | 11.7 A ... 40 A |
| Immunity to surge | 6 kV |
| Shielding | Yes |
| Cable length | 0.5 m ... 99.9 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |

| Feature | Value |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bending radius, fixed cable | 48 mm ... 74.8 mm |
| Bending radius, moving cable | 90 mm ... 140.25 mm |
| Cable diameter | 12 mm ... 18.7 mm |
| Cable diameter tolerance | ± 0.3 mm |
| Cable structure | 4 x 0.75 mm ² + 1 x (2 x 0.75 mm ²) + 1 x (2 x 0.24 mm ² + 2 x 2 x 0.15 mm ²) 4 x 1.5 mm ² + 1 x (2 x 0.75 mm ²) + 1 x (2 x 0.24 mm ² + 2 x 2 x 0.15 mm ²) 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) 4 x 4 mm ² + 1 x (2 x 1.5 mm ²) + 1 x (2 x 0.24 mm ² + 2 x 2 x 0.15 mm ²) 4 x 6 mm ² + 1 x (2 x 1.5 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 Crimp pin terminal |
| Degree of protection | IP00 IP20 IP67 IP69K |
| 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 | III |
| 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 |