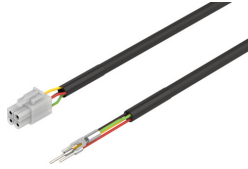


# Motor cable NEBM-H6G4-E-5-Q13N-LE4

Part number: 5219198

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------|
| Cable designation                                    | Without inscription label holder                                      |
| 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            | Connection pattern H6, coded for motor                                |
| Electrical connection 1, number of connections/cores | 4                                                                     |
| Electrical connection 1, used connections/cores      | 4                                                                     |
| Electrical connection 1, connection pattern          | 00995790                                                              |
| 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 | 4                                                                     |
| Electrical connection 2, used connections/cores      | 4                                                                     |
| Operational voltage range DC                         | 0 V ... 300 V                                                         |
| Operational voltage range AC                         | 0 V ... 300 V                                                         |
| Current rating at 40° C                              | 9.5 A                                                                 |
| Immunity to surge                                    | 2 kV                                                                  |
| Cable length                                         | 5 m                                                                   |
| Cable characteristic                                 | Suitable for energy chains                                            |
| Test conditions cable                                | Test conditions on request                                            |
| Bending radius, fixed cable                          | ≥55 mm                                                                |
| Bending radius, moving cable                         | ≥55 mm                                                                |
| Cable diameter                                       | 7.3 mm                                                                |
| Cable structure                                      | 4 x 0.79 mm <sup>2</sup>                                              |
| Nominal cross section conductor                      | 0.79 mm <sup>2</sup>                                                  |
| Conductor nominal cross section                      | AWG18                                                                 |
| Wire ends                                            | Wire ferrule                                                          |
| Degree of protection                                 | IP20                                                                  |
| Note on degree of protection                         | In assembled state                                                    |
| Ambient temperature                                  | -25 °C ... 90 °C                                                      |
| Ambient temperature with moving cable                | -25 °C ... 90 °C                                                      |
| CE mark (see declaration of conformity)              | To EU Low Voltage Directive<br>In accordance with EU RoHS Directive   |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions<br>To UK regulations for electrical equipment |

| Feature                        | Value                   |
|--------------------------------|-------------------------|
| LABS (PWIS) conformity         | VDMA24364 zone III      |
| Note on materials              | RoHS-compliant          |
| Pollution degree               | 3                       |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath          | PVC                     |
| Cable sheath colour            | Black                   |
| Material housing               | PA                      |
| Housing colour                 | White                   |
| Material insulating sheath     | PVC                     |