

# Motor cable NEBM-S1W9-E-2.5-Q5-LE6

Part number: 1450737

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                | Angled                               |
| Electrical connection 1, connector system            | Sub-D                                |
| Electrical connection 1, number of connections/cores | 9                                    |
| Electrical connection 1, used connections/cores      | 6                                    |
| Electrical connection 1, connection pattern          | 00995638                             |
| 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 | 6                                    |
| Electrical connection 2, used connections/cores      | 6                                    |
| Operational voltage range DC                         | 0 V ... 72 V                         |
| Nominal operating voltage DC                         | 24 V                                 |
| Shielding                                            | yes                                  |
| Cable length                                         | 2.5 m                                |
| Cable characteristic                                 | Suitable for energy chains           |
| Bending radius, moving cable                         | ≥62 mm                               |
| Cable diameter                                       | 6.2 mm                               |
| Cable structure                                      | 6 x 0.34 mm <sup>2</sup>             |
| Nominal cross section conductor                      | 0.34 mm <sup>2</sup>                 |
| Wire ends                                            | Wire end sleeve                      |
| Degree of protection                                 | IP65                                 |
| Note on degree of protection                         | In assembled state                   |
| Ambient temperature                                  | -40 °C ... 80 °C                     |
| Ambient temperature with moving cable                | -5 °C ... 80 °C                      |
| CE mark (see declaration of conformity)              | In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity)           | To UK RoHS instructions              |
| LABS (PWIS) conformity                               | VDMA24364-B2-L                       |
| Note on materials                                    | RoHS-compliant                       |
| Material cable sheath                                | TPE-U(PUR)                           |
| Cable sheath colour                                  | grey                                 |