

# Motor cable NEBM-SM12G8-E-2.5-Q5-LE6

Part number: 1449601

FESTO



## Data sheet

| Feature   | Value                                |
|---|--------------------------------------|
| Cable designation                                     | Without label holder                 |
| Electrical connection 1, function                     | Field device end                     |
| Electrical connection 1, design                       | Round                                |
| Electrical connection 1, connection type              | Plug                                 |
| Electrical connection 1, cable outlet                 | Straight                             |
| Electrical connection 1, connection technology        | M12x1 A-coded as per EN 61076-2-101  |
| Electrical connection 1, number of pins/wires         | 8                                    |
| Electrical connection 1, occupied pins/wires          | 6                                    |
| Electrical connection for input 1, connection pattern | 00992264                             |
| Electrical connection 2, function                     | Control side                         |
| Electrical connection 2, connection type              | Cable                                |
| Electrical connection 2, connection technology        | Open end                             |
| Electrical connection 2, number of pins/wires         | 6                                    |
| Electrical connection 2, occupied pins/wires          | 6                                    |
| DC operating voltage range                            | 0 V ... 72 V                         |
| Nominal operating voltage DC                          | 24 V                                 |
| Cable length  | 2.5 m                                |
| Cable characteristic                                  | Suitable for energy chains           |
| Bending radius, flexible cable installation           | ≥62 mm                               |
| Cable diameter  | 6.2 mm                               |
| Cable design  | 6 x 0.34 mm <sup>2</sup><br>Shielded |
| Nominal conductor cross section                       | 0.34 mm <sup>2</sup>                 |
| Wire ends   | Cable end sleeve                     |
| Degree of protection                                  | IP65                                 |
| Note on degree of protection                          | In mounted state                     |
| Ambient temperature                                   | -40 °C ... 80 °C                     |
| Ambient temperature with flexible cable installation  | -5 °C ... 80 °C                      |
| CE marking (see declaration of conformity)            | As per EU RoHS directive             |
| UKCA marking (see declaration of conformity)          | To UK RoHS instructions              |
| LABS (PWIS) conformity                                | VDMA24364-B2-L                       |
| Note on materials                                     | RoHS-compliant                       |
| Material of cable sheath                              | TPE-U(PUR)                           |
| Color cable sheath                                    | Gray                                 |