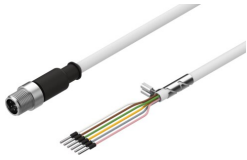


# Motor cable NEBM-SM12G8-E-2.5-Q5-LE6

Part number: 1449601

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                      | Round                                |
| Electrical connection 1, connection type             | Plug                                 |
| Electrical connection 1, cable outlet                | Straight                             |
| Electrical connection 1, connector system            | M12x1, A-coded to EN 61076-2-101     |
| Electrical connection 1, number of connections/cores | 8                                    |
| Electrical connection 1, used connections/cores      | 6                                    |
| Electrical connection 1, connection pattern          | 00992264                             |
| Electrical connection 2, function                    | Control 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 ferrule                         |
| Degree of protection                                 | IP65                                 |
| Note on degree of protection                         | In mounted 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 |
| UKCA 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                                 |