

# Motor cable NEBM-M23G15-EH-15-Q10N-R3LEG14

Part number: 5251392

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Based on norm   | EN 61984  |
| Cable designation                                     | Without label holder  |
| Product weight  | 6750 g  |
| Electrical connection 1, function                     | Field device end  |
| Electrical connection 1, design                       | Round   |
| Electrical connection 1, connection type              | Hybrid socket   |
| Electrical connection 1, cable outlet                 | Straight  |
| Electrical connection 1, connection technology        | M23x1   |
| Electrical connection 1, number of pins/wires         | 15  |
| Electrical connection 1, occupied pins/wires          | 12  |
| Electrical connection 1, type of mounting             | Screw-type lock   |
| Electrical connection for input 1, connection pattern | 00995912  |
| Electrical connection 2, function                     | Control side  |
| Electrical connection 2, connection type              | Plugs and cables  |
| Electrical connection 2, cable outlet                 | Straight  |
| Electrical connection 2, connection technology        | RJ45 and open end   |
| Electrical connection 2, number of pins/wires         | 14  |
| Electrical connection 2, occupied pins/wires          | 12  |
| DC operating voltage range                            | 0 V ... 850 V   |
| Operating voltage range AC                            | 0 V ... 630 V   |
| Current rating at 40° C                               | 23.7 A  |
| Surge resistance                                      | 6 kV  |
| Shield  | yes   |
| Cable length  | 15 m  |
| Cable characteristic                                  | Suitable for energy chains  |
| Connector cable test conditions                       | Test conditions on request  |
| Bending radius, fixed cable installation              | ≥55.6 mm  |
| Bending radius, flexible cable installation           | ≥97.3 mm  |
| Cable diameter  | 13.9 mm   |
| Cable diameter tolerance                              | ± 0.3 mm  |
| Cable design  | 4 x 2.5 mm <sup>2</sup> + 1 x (2 x 1.0 mm <sup>2</sup> ) + 1 x (2 x 0.24 mm <sup>2</sup> ) + 2 x 2 x 0.15 mm <sup>2</sup> ) |
| Nominal conductor cross section                       | 2.5 mm <sup>2</sup>   |
| Wire ends   | Cable end sleeve  |
| Degree of protection                                  | IP67  |
| Note on degree of protection                          | In mounted state  |
| Ambient temperature                                   | -40 °C ... 90 °C  |

| <b>Feature</b>                                       | <b>Value</b>   |
|--|--|
| Ambient temperature with flexible cable installation | -25 °C ... 80 °C   |
| CE marking (see declaration of conformity)           | As per EU low voltage directive<br>As per EU RoHS directive            |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions<br>To UK instructions for electrical equipment |
| LABS (PWIS) conformity                               | VDMA24364-B2-L   |
| Note on materials                                    | RoHS-compliant<br>Halogen-free   |
| Contamination level                                  | 3  |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress   |
| Material of cable sheath                             | TPE-U(PUR)   |
| Color cable sheath                                   | Gray   |
| Insulating sheath material                           | PP   |