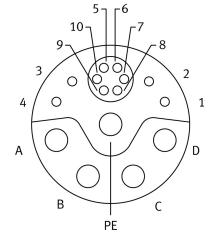
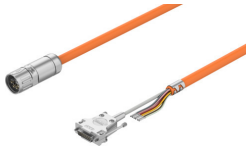


# Motor cable NEBM-M23G15-EH-7.5-Q7N-S1LEG21

Part number: 8190886

FESTO



## Data sheet

| Feature  | Value                      |
|--|----------------------------|
| Based on norm                                  | EN 61984                   |
| Cable designation                              | Without label holder       |
| Product weight                                 | 1.49 kg                    |
| 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      | Snap-locking               |
| Electrical connection 2, function              | Control side               |
| Electrical connection 2, connection type       | Cable                      |
| Electrical connection 2, cable outlet          | Straight                   |
| Electrical connection 2, connection technology | Sub-D and open end         |
| Electrical connection 2, number of pins/wires  | 21                         |
| Electrical connection 2, occupied pins/wires   | 12                         |
| Electrical connection 2, type of mounting      | Inserted                   |
| DC operating voltage range                     | 0 V...850 V                |
| Operating voltage range AC                     | 0 V...630 V                |
| Current rating at 40° C                        | 11.7 A                     |
| Surge resistance                               | 6 kV                       |
| Shield   | yes                        |
| Cable length                                   | 7.5 m                      |
| Cable characteristic                           | Suitable for energy chains |
| Connector cable test conditions                | Test conditions on request |
| Bending radius, fixed cable installation       | 48 mm                      |
| Bending radius, flexible cable installation    | 90 mm                      |
| Cable diameter                                 | 12 mm                      |

| Feature  | Value   |
|--|---|
| Cable diameter tolerance                             | ± 0.3 mm  |
| Cable design   | 4 x 0.75 mm <sup>2</sup> + 1 x (2 x 0.75 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                      | 0.15 mm <sup>2</sup><br>0.24 mm <sup>2</sup><br>0.75 mm <sup>2</sup>  |
| Wire ends  | Cable end sleeve  |
| Degree of protection                                 | IP20<br>IP67  |
| Note on degree of protection                         | In mounted state  |
| Ambient temperature                                  | -40 °C...90 °C  |
| Ambient temperature with flexible cable installation | -25 °C...80 °C  |
| Overvoltage category                                 | III   |
| 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  |