

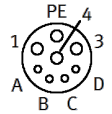
# Motor cable

## NEBM-M23G8-E-15-Q9N-LE8-1

Part number: 5391139  
Product to be discontinued

For EMMS-AS-70/100/140 with CMMT-AS.

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Conforms to standard                                 | EN 61984   |
| Cable identification                                 | Without inscription label holder   |
| Product weight                                       | 3,400 g  |
| Electrical connection 1, function                    | Field device side  |
| Electrical connection 1, design                      | Round  |
| Electrical connection 1, connection type             | Plug socket  |
| Electrical connection 1, cable outlet                | Straight   |
| Electrical connection 1, connection technology       | M23x1  |
| Electrical connection 1, number of pins/wires        | 8  |
| Electrical connection 1, occupied pins/wires         | 8  |
| Electrical connection 2, function                    | Controller side  |
| Electrical connection 2, connection type             | Cable  |
| Electrical connection 2, connection technology       | Open end   |
| Electrical connection 2, number of pins/wires        | 8  |
| Electrical connection 2, occupied pins/wires         | 8  |
| Operating voltage range DC                           | 0 ... 630 V  |
| Note on operating voltage range DC                   | 0 - 300 V for 0.5 mm <sup>2</sup>  |
| Operating voltage range AC                           | 0 ... 630 V  |
| Note on operating voltage range AC                   | 0 - 300 V for 0.5 mm <sup>2</sup>  |
| Acceptable current load at 40°C                      | 16 A   |
| Note on acceptable current load at 40°C              | 8 A for 0.5 mm <sup>2</sup>  |
| Surge strength                                       | 4 kV   |
| Note on surge resistance                             | 2.5 kV for 0.5 mm <sup>2</sup>   |
| Cable length   | 15 m   |
| Cable attribute                                      | Suitable for chain link trunking   |
| Bending radius, fixed cable installation             | ≥ 60 mm  |
| Bending radius, flexible cable installation          | ≥ 120 mm   |
| Cable diameter                                       | 12 mm  |
| Cable structure                                      | 4x1,5+2x(2x0,5)<br>Shielded  |
| Nominal conductor cross-section                      | 0.5 mm <sup>2</sup><br>1.5 mm <sup>2</sup>   |
| Wire ends  | Cable end sleeve according to DIN 46228-A..-10<br>Cable end sleeve according to DIN 46228-E..-10 |
| Protection class                                     | IP65   |
| Note on degree of protection                         | in assembled condition   |
| Ambient temperature                                  | -50 ... 90 °C  |
| Ambient temperature with flexible cable installation | -40 ... 90 °C  |
| CE symbol (see declaration of conformity)            | according to EU low voltage guideline<br>in accordance with EU RoHS directive                    |
| UKCA marking (see declaration of conformity)         | To UK instructions for electrical equipment<br>To UK RoHS instructions                           |
| PWIS conformity                                      | VDMA24364-B2-L   |
| Materials note                                       | Conforms to RoHS   |
| Degree of contamination                              | 3  |
| Material cable sheath                                | TPE-U(PUR)   |
| Cable sheath color                                   | Orange   |