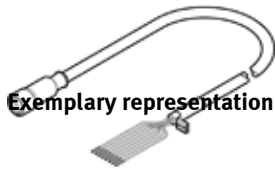
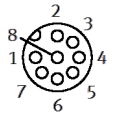


# Encoder cable NEBM-M12G8-E- -LE8

Part number: 1451591

FESTO

Suitable for servo motor EMMS-ST-...



## Data sheet

| Feature  | Value  |
|--|--|
| Cable identification                                 | Without inscription label holder                 |
| 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       | M12x1, A-coded in accordance with EN 61076-2-101 |
| 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 ... 30 V                                       |
| Nominal operating voltage DC                         | 24 V   |
| Operating voltage range AC                           | 0 ... 30 V                                       |
| Nominal operating voltage, AC                        | 24 V   |
| Cable length   | 1 ... 25 m                                       |
| Cable attribute                                      | Suitable for energy chains                       |
| Bending radius, flexible cable installation          | ≥ 68 mm  |
| Cable diameter                                       | 6.8 mm   |
| Cable structure                                      | 4x2x0,14<br>Shielded                             |
| Nominal conductor cross-section                      | 0.14 mm <sup>2</sup>                             |
| Wire ends  | Wire end ferrule                                 |
| Protection class                                     | IP65   |
| Note on degree of protection                         | in assembled condition                           |
| Ambient temperature                                  | -40 ... 80 °C                                    |
| Ambient temperature with flexible cable installation | -5 ... 80 °C                                     |
| CE symbol (see declaration of conformity)            | in accordance with EU RoHS directive             |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions                          |
| PWIS conformity                                      | VDMA24364-B2-L                                   |
| Materials note                                       | Conforms to RoHS                                 |
| Material cable sheath                                | TPE-U(PUR)                                       |
| Cable sheath color                                   | Grey   |