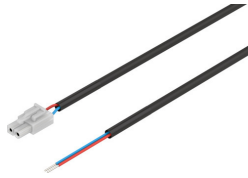


# Connecting cable NEBM-H7G2-E-2.5-Q14N-LE2

Part number: 5219205

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                        |
|-------------------------------------------------------|----------------------------------------------|
| Cable designation                                     | Without label holder                         |
| Electrical connection 1, function                     | Field device end                             |
| Electrical connection 1, design                       | Rectangular                                  |
| Electrical connection 1, connection type              | Socket                                       |
| Electrical connection 1, cable outlet                 | Straight                                     |
| Electrical connection 1, connection technology        | Connection diagram H7, coded for motor brake |
| Electrical connection 1, number of pins/wires         | 2                                            |
| Electrical connection 1, occupied pins/wires          | 2                                            |
| Electrical connection for input 1, connection pattern | 00995791                                     |
| Electrical connection 2, function                     | Control side                                 |
| Electrical connection 2, connection type              | Cable                                        |
| Electrical connection 2, connection technology        | Open end                                     |
| Electrical connection 2, number of pins/wires         | 2                                            |
| Electrical connection 2, occupied pins/wires          | 2                                            |
| DC operating voltage range                            | 0 V ... 30 V                                 |
| Operating voltage range AC                            | 0 V ... 30 V                                 |
| Current rating at 40° C                               | 5 A                                          |
| Surge resistance                                      | 2 kV                                         |
| Cable length                                          | 2.5 m                                        |
| Cable characteristic                                  | Suitable for energy chains                   |
| Connector cable test conditions                       | Test conditions on request                   |
| Bending radius, fixed cable installation              | ≥27 mm                                       |
| Bending radius, flexible cable installation           | ≥55 mm                                       |
| Cable diameter                                        | 5.1 mm                                       |
| Cable design                                          | 2 x 0.51 mm <sup>2</sup>                     |
| Nominal conductor cross section                       | 0.51 mm <sup>2</sup>                         |
| Nominal conductor cross section                       | AWG20                                        |
| Wire ends                                             | Cable end sleeve                             |
| Degree of protection                                  | IP20                                         |
| Note on degree of protection                          | In mounted state                             |
| Ambient temperature                                   | -40 °C ... 80 °C                             |
| Ambient temperature with flexible cable installation  | -10 °C ... 80 °C                             |
| CE marking (see declaration of conformity)            | As per EU RoHS directive                     |
| UKCA marking (see declaration of conformity)          | To UK RoHS instructions                      |
| LABS (PWIS) conformity                                | VDMA24364 zone III                           |
| Note on materials                                     | RoHS-compliant                               |

| Feature                          | Value                   |
|----------------------------------|-------------------------|
| Contamination level              | 3                       |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Material of cable sheath         | PVC                     |
| Color cable sheath               | Black                   |
| Housing material                 | PA                      |
| Housing colour                   | White                   |
| Insulating sheath material       | PVC                     |