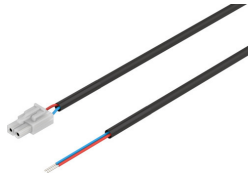


# Connecting cable NEBM-H7G2-E-5-Q14N-LE2

Part number: 5219206

**FESTO**



 General operating condition

## Data sheet

| Feature                                              | Value                                        |
|------------------------------------------------------|----------------------------------------------|
| Cable designation                                    | Without inscription label holder             |
| Electrical connection 1, function                    | Field device side                            |
| Electrical connection 1, design                      | Angular                                      |
| Electrical connection 1, connection type             | Socket                                       |
| Electrical connection 1, cable outlet                | Straight                                     |
| Electrical connection 1, connector system            | Connection pattern H7, coded for motor brake |
| Electrical connection 1, number of connections/cores | 2                                            |
| Electrical connection 1, used connections/cores      | 2                                            |
| Electrical connection 1, connection pattern          | 00995791                                     |
| Electrical connection 2, function                    | Controller side                              |
| Electrical connection 2, connection type             | Cable                                        |
| Electrical connection 2, connector system            | Open end                                     |
| Electrical connection 2, number of connections/cores | 2                                            |
| Electrical connection 2, used connections/cores      | 2                                            |
| Operational voltage range DC                         | 0 V ... 30 V                                 |
| Operational voltage range AC                         | 0 V ... 30 V                                 |
| Current rating at 40° C                              | 5 A                                          |
| Immunity to surge                                    | 2 kV                                         |
| Cable length                                         | 5 m                                          |
| Cable characteristic                                 | Suitable for energy chains                   |
| Test conditions cable                                | Test conditions on request                   |
| Bending radius, fixed cable                          | ≥27 mm                                       |
| Bending radius, moving cable                         | ≥55 mm                                       |
| Cable diameter                                       | 5.1 mm                                       |
| Cable structure                                      | 2 x 0.51 mm <sup>2</sup>                     |
| Nominal cross section conductor                      | 0.51 mm <sup>2</sup>                         |
| Conductor nominal cross section                      | AWG20                                        |
| Wire ends                                            | Wire ferrule                                 |
| Degree of protection                                 | IP20                                         |
| Note on degree of protection                         | In assembled state                           |
| Ambient temperature                                  | -40 °C ... 80 °C                             |
| Ambient temperature with moving cable                | -10 °C ... 80 °C                             |
| CE mark (see declaration of conformity)              | In accordance with 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                   |
|--------------------------------|-------------------------|
| Pollution degree               | 3                       |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath          | PVC                     |
| Cable sheath colour            | Black                   |
| Material housing               | PA                      |
| Housing colour                 | White                   |
| Material insulating sheath     | PVC                     |