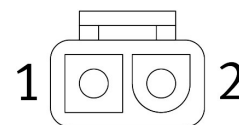


# Connecting cable NEBM-H7G2-K-2.5-Q14N-LE2

Part number: 5219201

FESTO



## 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 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                                         | 2.5 m                                        |
| Cable characteristic                                 | Standard                                     |
| Test conditions cable                                | Test conditions on request                   |
| Bending radius, fixed cable                          | 27 mm                                        |
| Bending radius, moving cable                         | 81 mm                                        |
| Cable diameter                                       | 5.4 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                               |

| Feature                                      | Value                                |
|----------------------------------------------|--------------------------------------|
| 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                       |
| 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                                  |