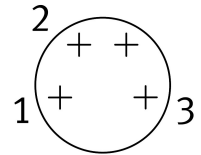


# Connecting cable NEBC-M8G4-ES-2.5-N-SB-S1G9-RS2-S7

Part number: 8086524

FESTO



## Data sheet

| Feature                                              | Value                            |
|------------------------------------------------------|----------------------------------|
| Protocol                                             | RS232                            |
| Cable designation                                    | With accessories                 |
| Mounting position                                    | optional                         |
| Electrical connection 1, function                    | Field device side                |
| Electrical connection 1, design                      | Round                            |
| Electrical connection 1, connection type             | Plugs                            |
| Electrical connection 1, cable outlet                | Straight                         |
| Electrical connection 1, connector system            | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 4                                |
| Electrical connection 1, used connections/cores      | 3                                |
| Electrical connection 1, type of mounting            | Screw-type lock                  |
| Electrical connection 2, function                    | Controller side                  |
| Electrical connection 2, design                      | Angular                          |
| Electrical connection 2, connection type             | Socket                           |
| Electrical connection 2, cable outlet                | Straight                         |
| Electrical connection 2, connector system            | Sub-D                            |
| Electrical connection 2, number of connections/cores | 9                                |
| Electrical connection 2, used connections/cores      | 8                                |
| electrical connection 2, type of mounting            | 2x screw 4-40 UNC                |
| Operational voltage range DC                         | 0 V...24 V                       |
| Nominal operating voltage DC                         | 24 V                             |
| Current rating at 40° C                              | 4 A                              |
| Immunity to surge                                    | 1.5 kV                           |
| Shielding                                            | yes                              |
| Cable length                                         | 2.5 m                            |
| Cable characteristic                                 | Suitable for energy chains       |
| Test conditions cable                                | Test conditions on request       |
| Bending radius, fixed cable                          | 24 mm                            |
| Bending radius, moving cable                         | 47 mm                            |

| Feature                                      | Value                                       |
|----------------------------------------------|---------------------------------------------|
| Cable diameter                               | 4.6 mm                                      |
| Cable diameter tolerance                     | ± 0.1 mm                                    |
| Cable structure                              | 3 x 0.34 mm <sup>2</sup>                    |
| Nominal cross section conductor              | 0.34 mm <sup>2</sup>                        |
| Degree of protection                         | IP67                                        |
| Note on degree of protection                 | IP20 for Sub-D socket<br>In assembled state |
| Ambient temperature                          | 0 °C...50 °C                                |
| Ambient temperature with moving cable        | 0 °C...50 °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                              |
| Pollution degree                             | 2                                           |
| Material cable sheath                        | TPE-U(PUR)                                  |
| Cable sheath colour                          | Black                                       |