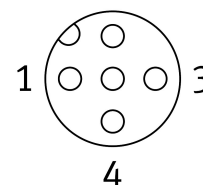


# Connecting cable NEBB-M12W5-P-10-LE3

Part number: 8066681

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Conforms to standard                                 | Wire colours and connection numbers to EN 60947-5-2<br>EN 61076-2-101                   |
| Explosion protection                                 | The information in the certificate must be observed!<br>Zone 2 (ATEX)<br>Zone 22 (ATEX) |
| Cable designation                                    | With label holder   |
| Electrical connection 1, function                    | Field device side   |
| Electrical connection 1, design                      | Round   |
| Electrical connection 1, connection type             | Socket  |
| Electrical connection 1, cable outlet                | Angled  |
| Electrical connection 1, connector system            | M12x1, A-coded to EN 61076-2-101  |
| Electrical connection 1, number of connections/cores | 5   |
| Electrical connection 1, used connections/cores      | 3   |
| Electrical connection 1, type of mounting            | Screw-type lock with A/F13  |
| 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 | 3   |
| Electrical connection 2, used connections/cores      | 3   |
| Operational voltage range DC                         | 0 V...250 V   |
| Operational voltage range AC                         | 0 V...250 V   |
| Current rating at 40° C                              | 4 A   |
| Immunity to surge                                    | 2.5 kV  |
| Cable length   | 10 m  |
| Cable characteristic                                 | For static applications   |
| Test conditions cable                                | Test conditions on request  |
| Bending radius, fixed cable                          | 12 mm   |
| Cable diameter                                       | 3.8 mm  |
| Cable structure                                      | 3 x 0.25 mm <sup>2</sup>  |
| Nominal cross section conductor                      | 0.25 mm <sup>2</sup>  |

| Feature                                    | Value   |
|--|---|
| Wire ends                                  | Sheath removed<br>Cut off bluntly                                     |
| Degree of protection                       | IP65<br>IP68<br>IP69K   |
| Note on degree of protection               | In assembled state  |
| Ambient temperature                        | -25 °C...70 °C  |
| CE mark (see declaration of conformity)    | To EU Low Voltage Directive<br>In accordance with EU RoHS Directive   |
| CE marking (see declaration of conformity) | To UK RoHS instructions<br>To UK regulations for electrical equipment |
| LABS (PWIS) conformity                     | VDMA24364-B2-L  |
| Cleanroom class                            | Class 4 according to ISO 14644-1                                      |
| Note on materials                          | RoHS-compliant  |
| Pollution degree                           | 3   |
| Corrosion resistance class CRC             | 2 - Moderate corrosion stress   |
| Material cable sheath                      | PVC   |
| Cable sheath colour                        | Grey  |
| Material housing                           | TPE-U(PU)   |
| Housing colour                             | Black   |
| Material screw-type lock                   | Nickel-plated brass   |
| Material seals                             | NBR   |
| Material electrical contact                | Gold-plated copper alloy  |
| Material insulating sheath                 | PVC   |