

# Connecting cable NEBC-R3G8M22-P-5-N-S-R3G8

Part number: 8155228

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature  | Value   |
|--|---|
| Conforms to standard                                 | IEC 60603-7-3   |
| Approval   | RCM trademark<br>c UL us listed (OL)  |
| Certificate issuing authority                        | UL E239998  |
| Cable designation                                    | Without inscription label holder  |
| Product weight                                       | 440 g   |
| Electrical connection 1, function                    | Field device side   |
| Electrical connection 1, design                      | Angular   |
| Electrical connection 1, connection type             | Plugs   |
| Electrical connection 1, cable outlet                | Straight  |
| Electrical connection 1, connector system            | RJ45  |
| Electrical connection 1, number of connections/cores | 8   |
| Electrical connection 1, used connections/cores      | 8   |
| Electrical connection 1, type of mounting            | Screw-type lock   |
| Electrical connection 1, connection pattern          | 00995653  |
| Electrical connection 2, function                    | Controller side   |
| Electrical connection 2, design                      | Angular   |
| Electrical connection 2, connection type             | Plugs   |
| Electrical connection 2, cable outlet                | Straight  |
| Electrical connection 2, connector system            | RJ45  |
| Electrical connection 2, number of connections/cores | 8   |
| Electrical connection 2, used connections/cores      | 8   |
| electrical connection 2, type of mounting            | Snap-locking  |
| Electrical connection 2, connection pattern          | 00995653  |
| Operational voltage range DC                         | 0 V ... 60 V  |
| Current rating at 40° C                              | 1 A   |
| Shielding  | yes   |
| Transmission characteristics                         | In accordance with category 5, EN 50173, class D<br>In accordance with category 5, ISO/IEC 11801, class D |
| Cable length   | 5 m   |
| Cable characteristic                                 | For static applications   |
| Bending radius, fixed cable                          | ≥30 mm  |
| Cable diameter                                       | 5.5 mm  |
| Cable diameter tolerance                             | ± 0.2 mm  |
| Degree of protection                                 | IP20<br>IP66<br>IP67  |

| Feature                                      | Value   |
|--|---|
| Note on degree of protection                 | In assembled state  |
| Ambient temperature                          | -20 °C ... 55 °C  |
| Storage temperature                          | -20 °C ... 70 °C  |
| CE mark (see declaration of conformity)      | To EU EMC Directive<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions       |
| LABS (PWIS) conformity                       | VDMA24364 zone III  |
| Note on materials                            | RoHS-compliant  |
| Corrosion resistance class CRC               | 4 - Very high corrosion stress<br>(when installed)          |
| Material cable sheath                        | PVC   |
| Cable sheath colour                          | Black   |
| Material housing                             | PC  |
| Housing colour                               | Transparent   |
| Material screw-type lock                     | High-alloy stainless steel                                  |
| Material seals                               | TPE-V   |
| Material electrical contact                  | Brass, nickel-plated and gold-plated                        |
| Material insulating sheath                   | PVC   |