

# Encoder cable NEBM-T1G8-E-20-N-S1G15

Part number: 5105627

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Cable designation                                     | Without label holder                                    |
| Product weight  | 1060 g  |
| Electrical connection 1, function                     | Field device end  |
| Electrical connection 1, design                       | Rectangular   |
| Electrical connection 1, connection type              | Socket  |
| Electrical connection 1, cable outlet                 | Straight  |
| Electrical connection 1, connection technology        | ITT M3  |
| Electrical connection 1, number of pins/wires         | 12  |
| Electrical connection 1, occupied pins/wires          | 8   |
| Electrical connection for input 1, connection pattern | 00995666  |
| Electrical connection 2, function                     | Control side  |
| Electrical connection 2, design                       | Rectangular   |
| Electrical connection 2, connection type              | Plug  |
| Electrical connection 2, cable outlet                 | Straight  |
| Electrical connection 2, connection technology        | Sub-D   |
| Electrical connection 2, number of pins/wires         | 15  |
| Electrical connection 2, occupied pins/wires          | 8   |
| Electrical connection 2, connection pattern           | 00995641  |
| DC operating voltage range                            | 0 V ... 30 V  |
| Nominal operating voltage DC                          | 24 V  |
| Operating voltage range AC                            | 0 V ... 30 V  |
| Nominal operating voltage AC                          | 24 V  |
| Shield  | yes   |
| Cable length  | 20 m  |
| Cable characteristic                                  | Suitable for energy chains                              |
| Bending radius, flexible cable installation           | ≥48 mm  |
| Cable diameter  | 5.8 mm  |
| Cable design  | 1 x 4 x 0.15 mm <sup>2</sup> + 4 x 0.34 mm <sup>2</sup> |
| Nominal conductor cross section                       | 0.34 mm <sup>2</sup>                                    |
| Degree of protection                                  | IP65  |
| Note on degree of protection                          | In mounted state  |
| Ambient temperature                                   | -40 °C ... 80 °C  |
| Ambient temperature with flexible cable installation  | -10 °C ... 80 °C  |
| CE marking (see declaration of conformity)            | As per EU RoHS directive                                |
| UKCA marking (see declaration of conformity)          | To UK RoHS instructions                                 |
| LABS (PWIS) conformity                                | VDMA24364-B2-L  |

| Feature                  | Value          |
|--------------------------|----------------|
| Note on materials        | RoHS-compliant |
| Material of cable sheath | TPE-U(PUR)     |