

# Encoder cable NEBM-T1G8-E-25-N-S1G15

Part number: 5105628

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                                   |
|-------------------------------------------------------|---------------------------------------------------------|
| Cable designation                                     | Without label holder                                    |
| Product weight                                        | 1300 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                                          | 25 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                          | IP30 for Sub-D plug<br>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                                 |

| Feature                  | Value          |
|--------------------------|----------------|
| LABS (PWIS) conformity   | VDMA24364-B2-L |
| Note on materials        | RoHS-compliant |
| Material of cable sheath | TPE-U(PUR)     |