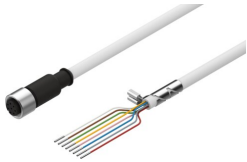


Encoder cable NEBM-M12G8-E-2.5-LE8

Part number: 1451587

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|-------------------------------------|
| Cable designation | Without 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 | Straight |
| Electrical connection 1, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 8 |
| Electrical connection for input 1, connection pattern | 00992265 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connection technology | Open end |
| Electrical connection 2, number of pins/wires | 8 |
| Electrical connection 2, occupied pins/wires | 8 |
| 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 | 2.5 m |
| Cable characteristic | Suitable for energy chains |
| Bending radius, flexible cable installation | ≥68 mm |
| Cable diameter | 6.8 mm |
| Cable design | 4 x 2 x 0.14 mm ² |
| Nominal conductor cross section | 0.14 mm ² |
| Wire ends | Wire ferrule |
| Degree of protection | IP65 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -40 °C ... 80 °C |
| Ambient temperature with flexible cable installation | -5 °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 |
| Note on materials | RoHS compliant |
| Material of cable sheath | TPE-U(PUR) |

| Feature | Value |
|--------------------|-------|
| Color cable sheath | Gray |