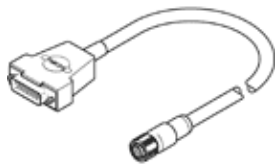
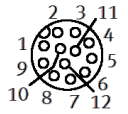


Encoder cable

NEBM-M12G12-RS-15-N-S1G15

Part number: 571915

FESTO



Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | DIN 47100 EN 61984 |
| Cable identification | Without inscription label holder |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plug socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 12 |
| Electrical connection 1, occupied pins/wires | 11 |
| Electrical connection 1, type of mounting | Screw locking with SW14 |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, design | Angular |
| 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 | 11 |
| Electrical connection 2, type of mounting | Screw locking with hexagonal SW18 |
| Operating voltage range DC | 0 ... 30 V |
| Nominal operating voltage DC | 24 V |
| Operating voltage range AC | 0 ... 30 V |
| Nominal operating voltage, AC | 24 V |
| Acceptable current load at 40°C | 1 A |
| Cable length | 15 m |
| Cable attribute | For robots |
| Bending radius, flexible cable installation | ≥ 70 mm |
| Cable diameter | 7 mm |
| Cable structure | 12x0,14 Shielded |
| Nominal conductor cross-section | 0.14 mm ² |
| Protection class | IP67 |
| Note on degree of protection | IP50 for plug connector Sub-D in assembled condition |
| Ambient temperature | -25 ... 80 °C |
| Ambient temperature with flexible cable installation | 0 ... 40 °C |
| CE symbol (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath color | Black |
| Material housing | TPE-U(PUR) |
| Material of union nut | Nickel-plated die-cast zinc |
| Material seals | NBR |
| Material insulation | TPE-E |