

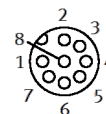
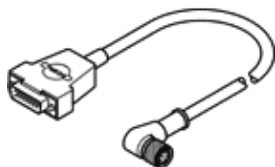
encoder cable

NEBM-M12W8-E-10-N-S1G15

Part number: 550319
Product to be discontinued

[Suitable for servo motor EMMS-AS-...](#)

FESTO



Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | 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 | Angled |
| Electrical connection 1, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 8 |
| 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 | 8 |
| 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 | 3 A |
| Note on acceptable current load at 40°C | 2 A for 0.14 mm ² |
| Surge strength | 0.5 kV |
| Cable length | 10 m |
| Cable attribute | Suitable for chain link trunking |
| Bending radius, fixed cable installation | ≥ 20 mm |
| Bending radius, flexible cable installation | ≥ 75 mm |
| Cable diameter | 6 mm |
| Cable structure | 1x4x0,14+4x0,34 Shielded |
| Nominal conductor cross-section | 0.14 mm ² 0.34 mm ² |
| Protection class | IP65 |
| Note on degree of protection | IP30 for plug connector Sub-D in assembled condition |
| Ambient temperature | -40 ... 80 °C |
| Ambient temperature with flexible cable installation | -10 ... 80 °C |
| CE mark (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 |
| Material cable sheath | TPE-U(PUR) |