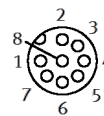


plug socket with cable

NEBU-M12W8-K-2-N-LE8

Part number: 542256

FESTO



Data sheet

| Feature | Value |
|--|----------------------------------|
| Conforms to standard | EN 61076-2-101 |
| Cable identification | Without inscription label holder |
| Product weight | 125 g |
| 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 to EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 8 |
| Electrical connection 1, type of mounting | Screw lock |
| Electrical connection 2, function | Controller 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 |
| Operating voltage range DC | 0 ... 30 V |
| Operating voltage range AC | 0 ... 30 V |
| Acceptable current load at 40°C | 2 A |
| Surge strength | 0.8 kV |
| Cable length | 2 m |
| Cable attribute | Standard |
| Bending radius, fixed cable installation | ≥ 32 mm |
| Bending radius, flexible cable installation | ≥ 66 mm |
| Cable diameter | 6.3 mm |
| Cable diameter tolerance | ± 0,2 mm |
| Cable structure | 8x0,25 Shielded |
| Nominal conductor cross-section | 0.25 mm ² |
| Wire ends | Galvanised |
| Protection class | IP67 |
| Note on degree of protection | in assembled condition |
| Ambient temperature | -25 ... 80 °C |
| Ambient temperature with flexible cable installation | -5 ... 80 °C |
| CE mark (see declaration of conformity) | to EU directive for EMC |
| 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 colour | Grey |
| Material housing | TPE-U(PUR) |
| Material of union nut | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Brass, gold-plated |
| Material insulation | PP |