# Socket
# NECB-M12W4-C2
**Part number:** 8162292
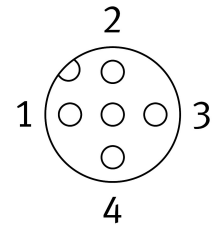
# Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | EN 61076-2-101 |
| Certification | c UL us - Listed (OL) |
| Certificate issuing authority | UL E474609 |
| Contact durability | 100 |
| Cable outlet | Angled |
| Product weight | 25 g |
| Application note | Only energy-limited circuits with a maximum current of 4 A at a max. open circuit voltage of 30 VDC are permitted to be used for supplying electrically actuated valves from Festo. |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 5 |
| Electrical connection 1, occupied pins/wires | 4 |
| Electrical connection 1, type of mounting | Screw-type lock with hexagon AF 18 and longitudinal knurl rotatable Compatible with rotatable/non-rotatable screw lock |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connection technology | Screw terminal |
| Electrical connection 2, number of pins/wires | 4 |
| Electrical connection 2, occupied pins/wires | 4 |
| DC operating voltage range | 0 V...60 V |
| Operating voltage range AC | 0 V...48 V |
| Current rating at 40° C | 4 A |
| Surge resistance | 1.5 kV |
| Protective earth connection | Not available |
| Cable fitting | Pg9 |
| Cable diameter | 3.8 mm...9 mm |
| Connection cross section | 0.14 mm²...0.75 mm² |

| Feature | Value |
|---|---|
| Information on port cross section | 0.1 mm² with wire end sleeve |
| Degree of protection | IP65<br>IP67 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -25 ºC...90 ºC |
| Note on ambient temperature | Note derating |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Housing material | PA66-GF30 |
| Housing colour | Black |
| Material of screw-type lock | Die-cast zinc, nickel-plated |
| Material of screws | Steel, nickel-plated |
| Seals material | FPM |
| Material of pin contacts | Brass, nickel-plated and gold-plated |