

Plug socket with cable KMPPE

FESTO



Characteristics

At a glance

General information:

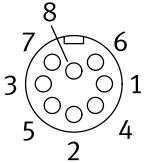
- Connecting cable for proportional-pressure regulators MPPES
- Pre-assembled at one end
- Angled socket
- Cable lengths 2.5 m or 5 m
- 8 wires
- Socket M16x0.75, 8-pin

Datasheet

General technical data

| | |
|-------------------------|------------------|
| Conforms to standard | DIN 47100 |
| Cable designation | With accessories |
| Frequency of connection | 500 |

Technical data – Electrical connection 1



| | |
|--|----------------------------|
| Electrical connection 1, function | Field device side |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, design | Round |
| Electrical connection 1, connector system | M16x0.75 to EN 61076-2-106 |
| Electrical connection 1, number of connections/cores | 8 |
| Electrical connection 1, used connections/cores | 8 |
| Electrical connection 1, type of mounting | Screw-type lock |

Technical data - Electrical connection 2

| | |
|--|-----------------|
| Electrical connection 2, function | Controller side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connector system | Open end |
| Electrical connection 2, number of connections/cores | 8 |
| Electrical connection 2, used connections/cores | 8 |
| Wire ends | Cut off bluntly |

Technical data – Electrical

| | |
|------------------------------|------------|
| Operational voltage range DC | 0 ... 30 V |
| Current rating at 40° C | 5 A |
| Immunity to surge | 0.6 kV |
| Pollution degree | 1 |
| Shielding | yes |

Technical data – Cable

| | |
|---------------------------------|----------------------------|
| Cable diameter | 6.8 mm |
| Cable characteristic | Standard |
| Test conditions cable | Test conditions on request |
| Cable structure | 8 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |

Datasheet

Materials

| | |
|--------------------------|-------------------|
| Material housing | PA |
| Material screw-type lock | PA |
| Material cable sheath | PVC |
| Cable sheath colour | grey |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |

Operating and environmental conditions

| | |
|--|--------------------------------------|
| Ambient temperature | -30 ... 80°C |
| Ambient temperature with moving cable | -5 ... 70°C |
| Degree of protection | IP67 |
| Note on degree of protection | In assembled state |
| CE mark (see declaration of conformity) ¹⁾ | In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) ²⁾ | To UK RoHS instructions |


1) For information about the area of use, see the declaration of conformity at: [www.festo.com/catalogue/... d Support/Downloads](http://www.festo.com/catalogue/...d/Support/Downloads).

2) For information about the area of use, see the declaration of conformity at: [www.festo.com/catalogue/... d Support/Downloads](http://www.festo.com/catalogue/...d/Support/Downloads).

Ordering data

| Ordering data | | | | | |
|---|---|--------------|----------------|---------------|--------------------|
| Electrical connection 1, connector system | Electrical connection 2, connector system | Cable length | Product weight | Part no. | Type |
| M16x0.75 to EN 61076-2-106 | Open end | 2.5 m | 243 g | 161879 | KMPPE-B-2,5 |
| | | 5 m | 459 g | 161878 | KMPPE-B-5 |

Accessories

| Accessories | | | | |
|--|-----------|--------------|----------|-------|
| | Size | Size of pack | Part no. | Type |
|  | 20x5.2 mm | 1 | 33361 | KM-BZ |