

Plug socket with cable KMPPE-B-2,5

Part number: 161879

FESTO



 General operating condition

Data sheet

Feature	Value
Conforms to standard	DIN 47100
Cable designation	With accessories
Frequency of connection	500
Product weight	243 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
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
Electrical connection 1, connection pattern	00995734
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
Operational voltage range DC	0 V ... 30 V
Current rating at 40° C	5 A
Immunity to surge	0.6 kV
Shielding	yes
Cable length	2.5 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Cable diameter	6.8 mm
Cable structure	8 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²
Wire ends	Cut off bluntly
Degree of protection	IP67
Note on degree of protection	In assembled state
Ambient temperature	-30 °C ... 80 °C
Ambient temperature with moving cable	-5 °C ... 70 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Feature	Value
Note on materials	RoHS-compliant
Pollution degree	1
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	PA
Material screw-type lock	PA