

Plug socket with cable KMPPE-B-2,5

Part number: 161879

FESTO



 General operating condition

Data sheet

Feature	Value
Cable designation	With accessories
Contact durability	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, connection technology	M16x0.75 as per EN 61076-2-106
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995734
Electrical connection 2, function	Control 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
DC operating voltage range	0 V ... 30 V
Current rating at 40° C	5 A
Surge resistance	0.6 kV
Shield	Yes
Cable length	2.5 m
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
Cable diameter	6.8 mm
Cable design	8 x 0.25 mm ²
Nominal conductor cross section	0.25 mm ²
Wire ends	Cut off bluntly
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-30 °C ... 80 °C
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Note on materials	RoHS compliant

Feature	Value
Contamination level	1
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	PA
Material of screw-type lock	PA