

Plug socket with cable KMPYE-5

Part number: 151909

FESTO



 General operating condition

Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable designation	With accessories
Product weight	305 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock with 18 mm hexagon and longitudinal knurl
Electrical connection 1, connection pattern	00995385
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	4
Electrical connection 2, used connections/cores	4
Operational voltage range DC	0 V ... 30 V
Nominal operating voltage DC	24 V
Permissible current load	4 A
Immunity to surge	2.5 kV
Shielding	yes
Cable length	5 m
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥90 mm
Cable diameter	6.2 mm
Cable diameter tolerance	± 0.3 mm
Cable structure	4 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²
Wire ends	Cut off bluntly
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	-40 °C ... 80 °C
Ambient temperature with moving cable	-25 °C ... 80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	PA
Housing colour	Black
Material screw-type lock	PA
Material electrical contact	Brass