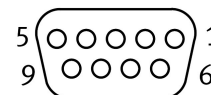
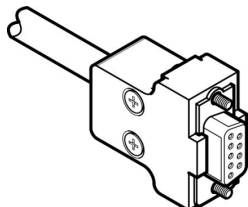


# Connecting cable KMP6-09P-8-2,5

Part number: 531184

**FESTO**



## Data sheet

Feature	Value
Conforms to standard	DIN 41652
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	248 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	Sub-D
Electrical connection 1, number of connections/cores	9
Electrical connection 1, used connections/cores	9
Electrical connection 1, type of mounting	2x screw 4-40 UNC
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	9
Electrical connection 2, used connections/cores	9
Operational voltage range DC	0 V...30 V
Nominal operating voltage DC	24 V
Current rating at 40° C	2.8 A
Immunity to surge	1 kV
Cable length	2.5 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, fixed cable	76 mm
Bending radius, moving cable	114 mm
Cable diameter	7.6 mm
Cable diameter tolerance	± 0.25 mm
Cable structure	8 x 0.34 mm <sup>2</sup> + 1 x 0.5 mm <sup>2</sup>
Nominal cross section conductor	0.34 mm <sup>2</sup> 0.5 mm <sup>2</sup>
Wire ends	Cut off bluntly

Feature	Value
Degree of protection	IP40
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...70 °C
Ambient temperature with moving cable	-5 °C...70 °C
Storage temperature	-25 °C...75 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	2
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	PBT-reinforced
Housing colour	grey
Material screw-type lock	Nickel-plated brass
Material electrical contact	Gold-plated copper alloy