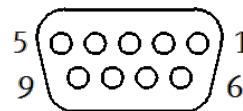
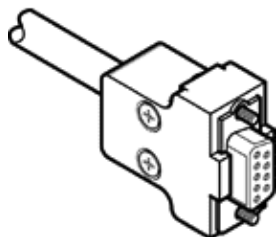


# Connecting cable KMP6-09P-8-2,5

Part number: 531184  
Classic - do not use for new projects

FESTO

For miniature valves, with Sub-D, 9-pin for 8 coils.  
Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

Feature	Value
Conforms to standard	DIN 41652
Cable identification	Without inscription label holder
Connection frequency	50
Product weight	248 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Sub-D
Electrical connection 1, number of pins/wires	9
Electrical connection 1, occupied pins/wires	9
Electrical connection 1, type of mounting	2 screws 4-40 UNC
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	9
Electrical connection 2, occupied pins/wires	9
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	24 V
Acceptable current load at 40°C	2.8 A
Surge strength	1 kV
Cable length	2.5 m
Cable attribute	Standard
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 76 mm
Bending radius, flexible cable installation	≥ 114 mm
Cable diameter	7.6 mm
Cable diameter tolerance	± 0,25 mm
Cable structure	8x0,34+1x0,5
Nominal conductor cross-section	0.34 mm <sup>2</sup> 0.5 mm <sup>2</sup>
Wire ends	Cut off bluntly
Protection class	IP40
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 70 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
Storage temperature	-25 ... 75 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	2

Feature	Value
Material cable sheath	PVC
Cable sheath color	Grey
Material housing	PBT-reinforced
Housing color	Grey
Material screw-type lock	Nickel-plated brass
Material electrical contact	Gold-plated copper alloy