

# connecting cable KMP4-25P-5-PUR

Part number: 193018

FESTO



## Data sheet

Feature	Value
Based on the standard	DIN 41652
Cable identification	with accessories
Connection frequency	50
Product weight	702 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	Angled
Electrical connection 1, connection technology	Sub-D
Electrical connection 1, number of pins/wires	25
Electrical connection 1, occupied pins/wires	25
Electrical connection 1, type of mounting	2x M3 screws
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	25
Electrical connection 2, occupied pins/wires	25
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	24 V
Acceptable current load at 40°C	3 A
Surge strength	1 kV
Cable length	5 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 31 mm
Bending radius, flexible cable installation	≥ 51 mm
Cable diameter	9.8 mm
Cable diameter tolerance	± 0,4 mm
Cable structure	25x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Wire ends	Cut off bluntly
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-40 ... 70 °C
Ambient temperature with flexible cable installation	-40 ... 70 °C
Storage temperature	-25 ... 75 °C
CE mark (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	3
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA
Housing colour	Black
Material seals	NBR
Material electrical contact	Gold-plated copper alloy