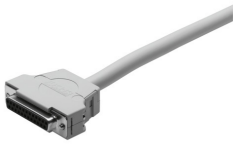
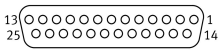
Connecting cable
KMP6-25P-20-2,5

Part number: 530046





Data sheet

Feature	Value
Conforms to standard	DIN 41652
Cable designation	Without label holder
Contact durability	50
Product weight	432 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
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 4-40 UNC screw
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	25
Electrical connection 2, occupied pins/wires	25
DC operating voltage range	0 V...30 V
Nominal operating voltage DC	24 V
Current rating at 40° C	2.8 A
Surge resistance	1 kV
Cable length	2.5 m
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	103 mm
Bending radius, flexible cable installation	103 mm
Cable diameter	10.3 mm
Cable diameter tolerance	± 0.25 mm
Cable design	20 x 0.25 mm² + 5 x 0.34 mm²
Nominal conductor cross section	0.25 mm² 0.34 mm²
Wire ends	Cut off bluntly

Feature	Value
Degree of protection	IP40
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...70 °C
Ambient temperature with flexible cable installation	-5 °C...70 °C
Storage temperature	-25 °C...75 °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-B2-L
Note on materials	RoHS compliant
Contamination level	2
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	PBT-reinforced
Housing colour	Gray
Material of screw-type lock	Brass, nickel-plated
Material of pin contacts	Gold-plated copper alloy