Connecting cable
KMP4-9P-5-PVC

Part number: 193012

General operating condition

Data sheet

Feature	Value
Based on standard	DIN 41652
Cable designation	With accessories
Frequency of connection	50
Product weight	413 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
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 M3
Electrical connection 1, connection pattern	00995638
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	10
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	3 A
Immunity to surge	1 kV
Cable length	5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥24 mm
Bending radius, moving cable	≥39 mm
Cable diameter	7.4 mm
Cable diameter tolerance	± 0.4 mm
Cable structure	10 x 0.25 mm²
Nominal cross section conductor	0.25 mm²
Wire ends	Cut off bluntly
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	-40 °C ... 70 °C
Ambient temperature with moving cable	-5 °C ... 70 °C

Feature	Value
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	3
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	PA
Housing colour	Black
Material seals	NBR
Material electrical contact	Gold-plated copper alloy