Connecting cable KMP3-9P-08-10 Part number: 18579





General operating condition

Data sheet

Cable designation Frequery of connection Frequery of connection Frequery of connection Frequery of connection Frequery of connection 1, function Electrical connection 1, design Angular Electrical connection 1, connection type Socket Electrical connection 1, connector system Sub D Electrical connection 1, number of connections/cores Pelectrical connection 1, used connections/cores Pelectrical connection 1, used connections/cores Pelectrical connection 1, used connections/cores Pelectrical connection 1, type of mounting 2x screw M3 Electrical connection 1, connector pattern O0995638 Electrical connection 2, function Controller side Electrical connection 2, connector system Den end Electrical connection 2, connector system Open end Electrical connection 2, connector system Open end Electrical connection 2, usumber of connections/cores Poperational voltage range DC OV 30 V Nominal operating voltage DC 24 V Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable 2x9 mm Bending radius, moving cable 2x9 mm Cable diameter 7.15 mm Cable diameter Cable diameter And many Nominal cross section conductor Nore and served of the fibrity Degree of protection Note on degree of protection Note on degree of protection In assembled state Ambient temperature 2.5 °C 70 °C	Feature	Value
Frequency of connection 50 Product weight 814 g Electrical connection 1, function Fleld device side Electrical connection 1, connection type Socket Electrical connection 1, connection type Socket Electrical connection 1, connection system Sub-D 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, used connections/cores 9 Electrical connection 1, type of mounting 2x screw M3 Electrical connection 1, type of mounting 2x screw M3 Electrical connection 1, connection pattern 00995638 Electrical connection 2, connection system Connections/cores 10 Electrical connection 2, connector system Open end Electrical connection 2, connector system Open end Electrical connection 2, unumber of connections/cores 10 Electrical connection 2, unumber of connections/cores 10 Current rating at 40° C 34 A Summanus 1 kW Cable characteristic Standard 10 m Cable characteristic Standard 10 m Cable characteristic Standard 10 m Electrical connection 2, connection 2 manus 10 m Cable characteristic Standard 10 m Cable diameter Cable 30 mm Bending radius, fixed cable 30 mm Bending radius, moving cable 275 mm Cable diameter Cable diameter 7.15 mm Cable diameter 10 no 0.34 mm² Nominal cross section conductor 0.34 mm² Nominal cross sec	Based on standard	DIN 41652
Product weight Electrical connection 1, function Electrical connection 1, function Electrical connection 1, function Electrical connection 1, consection type Electrical connection 1, cable outlet Angled Electrical connection 1, connector system Electrical connection 1, number of connections/cores 9 Electrical connection 1, number of connections/cores 9 Electrical connection 1, type of mounting 2x screw M3 Electrical connection 1, connection pattern 00995638 Electrical connection 1, connection pattern 00995638 Electrical connection 2, function Controller side Electrical connection 2, connector bystem Open end Electrical connection 2, connector system Open end Electrical connection 2, unumber of connections/cores 10 Electrical connection 2, unumber of connections/cores 9 Open end Electrical connection 2, used connections/cores 10 Electrical connection 2, used connections/cores 10 Electrical connection 2, used connections/cores 9 Operational voltage range DC Ov30 V Nominal operating voltage DC Current rating at 40° C 3 A Immunity to surge 1 kV Cable claracteristic Est conditions cable	Cable designation	With accessories
Electrical connection 1, function Electrical connection 1, design Angular Socket Electrical connection 1, connection type Electrical connection 1, connector system Sub-D Electrical connection 1, number of connections/cores Pelectrical connection 1, used connections/cores Pelectrical connection 1, used connections/cores Pelectrical connection 1, type of mounting Exscrew M3 Electrical connection 1, type of mounting Controller side Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection type Cable Electrical connection 2, connection system Open end Electrical connection 2, number of connections/cores 10 Electrical connection 2, used connections/cores Poperational voltage range DC OV30 V Nominal operating voltage DC Qurent rating at 40° C And And And And And And And An	Frequency of connection	50
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Electrical connection 1, cable outlet Electrical connection 1, connector system Sub-D Electrical connection 1, number of connections/cores P Electrical connection 1, used connections/cores P Electrical connection 1, type of mounting Zx screw M3 Electrical connection 1, type of mounting Cable Connection 2, function Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection system Open end Electrical connection 2, used connections/cores P Operational voltage range DC OV 30 V Nominal operating voltage DC Urrent rating at 40° C Urrent rating at 40° C And	Electrical connection 1, design	Angular
Electrical connection 1, connector system Electrical connection 1, number of connections/cores Electrical connection 1, used connections/cores 9 Electrical connection 1, type of mounting Electrical connection 1, type of mounting Electrical connection 1, type of mounting Electrical connection 2, function 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 OV 30 V Nominal operating voltage DC Current rating at 40° C Almunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable Electrical connection 2, on method system and some	Electrical connection 1, connection type	Socket
Electrical connection 1, number of connections/cores Electrical connection 1, used connections/cores Electrical connection 1, type of mounting 2x screw M3 Electrical connection 1, connection pattern 00995638 Electrical connection 2, function Electrical connection 2, function Electrical connection 2, connecton type Electrical connection 2, connector system Open end Electrical connection 2, number of connector system Open end Electrical connection 2, used connections/cores 10 Electrical connection 2, used connections/cores 9 Operational voltage range DC 0 V 30 V Nominal operating voltage DC Current rating at 40° C 3 A Immunity to surge 1 kV Cable length Cable length Cable ength Electrical connection 2 and mm Electrical connection 2 and mm Cable diameter 7.15 mm Cable diameter Cable diameter tolerance 4 0.3 mm Cable diameter tolerance 4 0.3 mm Nominal cross section conductor Wire ends Cut off bluntly Degree of protection In assembled state Ambient temperature -25 °C 70 °C	Electrical connection 1, cable outlet	Angled
Electrical connection 1, used connections/cores Electrical connection 1, type of mounting Electrical connection 2, function Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection system Open end Electrical connection 2, number of connections/cores Io Electrical connection 2, used connections/cores Poperational voltage range DC Ov 30 V Nominal operating voltage DC Current rating at 40° C Saha Inmunity to surge IkV Cable length Cable elngth Test conditions on request Bending radius, fixed cable Bending radius, moving cable Each diameter Cable diameter Cable diameter Cable diameter tolerance Each structure Io x 0.34 mm² Nominal cross section conductor Wire ends Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Electrical connection 1, connector system	Sub-D
Electrical connection 1, type of mounting Electrical connection 1, connection pattern O0995638 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 OV 30 V Nominal operating voltage DC Current rating at 40° C An A Immunity to surge I kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter over a memory of the conditions of the conditions on	Electrical connection 1, number of connections/cores	9
Electrical connection 1, connection pattern Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection system Open end Electrical connection 2, unmber of connections/cores 10 Electrical connection 2, used connections/cores 9 Operational voltage range DC OV 30 V Nominal operating voltage DC Current rating at 40° C Current rating at 40° C Cable length 10 m Cable length Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter 7.15 mm Cable diameter Cable diameter Cable diameter Cable diameter Cable diameter Cable diameter Cable diameter ocable and conductor Nominal cross section conductor Nominal cross section conductor Wire ends Degree of protection In assembled state Ambient temperature Open end Cable Cable Controller side Cable Cable (Ambieve Cable) Controller side Cable state Controller side Cable state Cab	Electrical connection 1, used connections/cores	9
Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection type 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 OV 30 V Nominal operating voltage DC Current rating at 40° C Is A Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable 230 mm Bending radius, moving cable 230 mm Cable diameter Cable diameter tolerance 20.3 mm Cable diameter tolerance 20.3 mm Cable structure 10 x 0.34 mm² Wire ends Cut off bluntly Degree of protection In assembled state Ambient temperature -25 ° C 70 ° C	Electrical connection 1, type of mounting	2x screw M3
Electrical connection 2, connector system Deficition connection 2, connector system Electrical connection 2, number of connections/cores 10 Electrical connection 2, used connections/cores 9 Operational voltage range DC Nominal operating voltage DC Current rating at 40° C Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter tolerance a but 3 mm Cable structure Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection In assembled state Ambient temperature	Electrical connection 1, connection pattern	00995638
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 Nominal operating voltage DC Current rating at 40° C Immunity to surge Cable length Cable characteristic Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter tolerance Cable structure Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection Ambient temperature O V 30 V D V 30	Electrical connection 2, function	Controller side
Electrical connection 2, number of connections/cores Electrical connection 2, used connections/cores 9 Operational voltage range DC Nominal operating voltage DC Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter Cable diameter tolerance 4 0.3 mm Cable structure Nominal cross section conductor Wire ends Degree of protection Note on degree of protection Ambient temperature 10 v 30 V 3 A 1 kV 24 V 24 V 25 To m 26 To m 27 S mm 28 To m 29 To m 20 Ja mm 20 Ja	Electrical connection 2, connection type	Cable
Electrical connection 2, used connections/cores 9 Operational voltage range DC Nominal operating voltage DC 24 V Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions on request Bending radius, fixed cable Bending radius, moving cable 275 mm Cable diameter Cable diameter tolerance 4 0.3 mm Cable diameter tolerance 4 0.3 mm Cable structure Nominal cross section conductor Wire ends Degree of protection Note on degree of protection Ambient temperature 9 OV 30 V Nov 30	Electrical connection 2, connector system	Open end
Operational voltage range DC Nominal operating voltage DC Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter Cable diameter tolerance 4 0.3 mm Cable structure 10 x 0.34 mm² Wire ends Cut off bluntly Degree of protection Note on degree of protection In assembled state Ambient temperature	Electrical connection 2, number of connections/cores	10
Nominal operating voltage DC Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions on request Bending radius, fixed cable Bending radius, moving cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter tolerance 20 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection In assembled state Ambient temperature 24 V 24 V 24 V 3 A 10 K A A B Cable Cab	Electrical connection 2, used connections/cores	9
Current rating at 40° C Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions on request Bending radius, fixed cable Bending radius, moving cable 275 mm Cable diameter 7.15 mm Cable diameter tolerance 4 0.3 mm Cable structure 10 x 0.34 mm² Wire ends Cut off bluntly Degree of protection Note on degree of protection Ambient temperature 3 A 3 A 1 kV 3 A 1 kV 3 A 10 m 5 to m 6 to m 7 m 7 to m 7 to m 7 to m 7 to m 9 to	Operational voltage range DC	0 V 30 V
Immunity to surge 1 kV Cable length 10 m Cable characteristic Standard Test conditions cable Test conditions on request Bending radius, fixed cable \$20 mm Bending radius, moving cable \$75 mm Cable diameter 7.15 mm Cable diameter tolerance \$10 x 0.34 mm^2 Nominal cross section conductor 0.34 mm^2 Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Nominal operating voltage DC	24 V
Cable length Cable length Cable characteristic Cable characteristic Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter tolerance Cable structure Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection Ambient temperature 10 m Candard Test conditions on request 1230 mm 275 mm 7.15 mm 7.15 mm 10 x 0.34 mm² 10 x 0.34 mm² Cut off bluntly 10 x 0.34 mm² In assembled state -25 °C 70 °C	Current rating at 40° C	3 A
Cable characteristic Test conditions cable Bending radius, fixed cable Bending radius, moving cable Cable diameter Cable diameter Cable diameter tolerance \$\frac{10 \times 0.34 \text{ mm}^2}{10 \times 0.34 \text{ mm}^2} Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection Ambient temperature Standard Test conditions on request 10 st conditions on request 230 mm 275 mm 7.15 mm 7.15 mm 10 x 0.34 mm ² Cut off bluntly Degree of protection IP65 In assembled state -25 °C 70 °C	Immunity to surge	1 kV
Test conditions cable Bending radius, fixed cable Bending radius, moving cable 275 mm Cable diameter 7.15 mm Cable diameter tolerance ± 0.3 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor Wire ends Cut off bluntly Degree of protection Note on degree of protection Ambient temperature Test conditions on request 230 mm 7.15 mm 7.15 mm 7.15 mm Cable diameter tolerance ± 0.3 mm 10 x 0.34 mm² Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state -25 °C 70 °C	Cable length	10 m
Bending radius, fixed cable Bending radius, moving cable ≥75 mm Cable diameter 7.15 mm Cable diameter tolerance ± 0.3 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection Ambient temperature ≥30 mm 7.15 mm 7.15 mm 7.15 mm Cut off bluntly In assembled state -25 °C 70 °C	Cable characteristic	Standard
Bending radius, moving cable Zable diameter Zable diameter Zable diameter tolerance ± 0.3 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor 0.34 mm² Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature ≥75 mm	Test conditions cable	Test conditions on request
Cable diameter Cable diameter tolerance ± 0.3 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor 0.34 mm² Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection Ambient temperature 7.15 mm 20.3 mm 10 x 0.34 mm² Cut off bluntly IP65 In assembled state -25 °C 70 °C	Bending radius, fixed cable	≥30 mm
Cable diameter tolerance ± 0.3 mm Cable structure 10 x 0.34 mm² Nominal cross section conductor 0.34 mm² Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Bending radius, moving cable	≥75 mm
Cable structure 10 x 0.34 mm ² Nominal cross section conductor 0.34 mm ² Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Cable diameter	7.15 mm
Nominal cross section conductor 0.34 mm² Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Cable diameter tolerance	± 0.3 mm
Wire ends Cut off bluntly Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Cable structure	10 x 0.34 mm ²
Degree of protection IP65 Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Nominal cross section conductor	0.34 mm ²
Note on degree of protection In assembled state Ambient temperature -25 °C 70 °C	Wire ends	Cut off bluntly
Ambient temperature -25 °C 70 °C	Degree of protection	IP65
· ·	Note on degree of protection	In assembled state
Ambient temperature with moving cable -5 °C 70 °C	Ambient temperature	-25 °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
Material seals	NBR
Material electrical contact	Gold-plated copper alloy