Connecting cable
VMPA-KMS2-8-2.5-PUR

Part number: 533504

General operating condition

Data sheet

Feature	Value
Based on standard	DIN 41652
Cable designation	With accessories
Frequency of connection	50
Product weight	237 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	25
Electrical connection 1, used connections/cores	9
Electrical connection 1, type of mounting	3x M3 screws
Electrical connection 1, connection pattern	00995643
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
Permissible current load	3 A
Immunity to surge	1 kV
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	21 mm
Bending radius, moving cable	35 mm
Cable fitting	M20x1.5
Cable diameter	7 mm
Cable structure	10 x 0.25 mm²
Nominal cross section conductor	0.25 mm²
Wire ends	Cut off bluntly
Degree of protection	IP65 To IEC 60529
Note on degree of protection	In assembled state
Ambient temperature	-25 °C ... 80 °C

Feature	Value
Ambient temperature with moving cable	-25 °C ... 80 °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
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA
Housing colour	grey
Material union nut	PA
Material seals	CR NBR
Material electrical contact	Gold-plated copper alloy