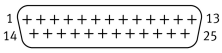
Connecting cable
VMPA-KMS2-24-2.5-PUR

Part number: 533501





Data sheet

Feature	Value
Based on standard	DIN 41652
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	411 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
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	25
Electrical connection 1, type of mounting	3x screw M3
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	25
Electrical connection 2, used connections/cores	25
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	28.6 mm
Bending radius, moving cable	49 mm
Cable fitting	M20x1.5
Cable diameter	10.8 mm
Cable structure	25 x 0.25 mm²
Nominal cross section conductor	0.25 mm²
Wire ends	Cut off bluntly

Feature	Value
Degree of protection	IP65 To IEC 60529
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...80 °C
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