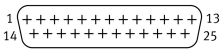
Connecting cable
VMPA-KMS2-24-2.5-PUR

Part number: 533501





Data sheet

Feature	Value
Based on norm	DIN 41652
Cable designation	Without label holder
Contact durability	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, 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	3x M3 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	3 A
Surge resistance	1 kV
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	28.6 mm
Bending radius, flexible cable installation	49 mm
Cable fitting	M20x1.5
Cable diameter	10.8 mm
Cable design	25 x 0.25 mm²
Nominal conductor cross section	0.25 mm²
Wire ends	Cut off bluntly

Feature	Value
Degree of protection	IP65 As per IEC 60529
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...80 °C
Ambient temperature with flexible cable installation	-25 °C...80 °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	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	PA
Housing colour	Gray
Material of union nut	PA
Seals material	CR NBR
Material of pin contacts	Gold-plated copper alloy