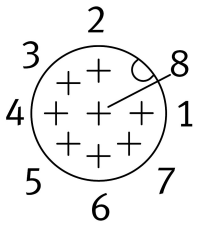
Connecting cable
KM12-8GD8GS-2-PU

Part number: 525617





Data sheet

Feature	Value
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	140 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	8
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	8
electrical connection 2, type of mounting	Screw-type lock
Operational voltage range DC	0 V...30 V
Nominal operating voltage DC	30 V
Operational voltage range AC	0 V...30 V
Current rating at 40° C	2 A
Immunity to surge	0.8 kV
Shielding	yes
Cable length	2 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, fixed cable	32 mm
Bending radius, moving cable	64 mm

Feature	Value
Cable diameter	6.2 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	8 x 0.25 mm²
Nominal cross section conductor	0.25 mm²
Degree of protection	IP67
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...80 °C
Ambient temperature with moving cable	0 °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 screw-type lock	Brass, chrome-plated Nickel-plated brass
Material seals	NBR
Material electrical contact	Brass, nickel-plated and gold-plated
Material insulating sheath	PP TPE-U(PUR)