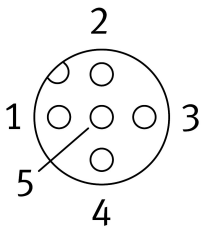
Connecting cable
NEBC-M12G5-ES-5-LE5-CO

Part number: 8074191



Data sheet

Feature	Value
Protocol	CANopen DeviceNet
Cable designation	With 2x inscription label holders
Frequency of connection	100
Product weight	310.7 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	5
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock
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	5
Electrical connection 2, used connections/cores	5
Operational voltage range DC	0 V...30 V
Current rating at 40° C	4 A
Immunity to surge	2 kV
Shielding	yes
Cable length	5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	35 mm
Bending radius, moving cable	70 mm
Cable diameter	6.7 mm
Cable diameter tolerance	± 0.3 mm
Cable structure	(2 x 0.34 mm²) + (2 x 0.25 mm²) + 0.34 mm²

Feature	Value
Nominal cross section conductor	0.25 mm² 0.34 mm²
Wire ends	Sheath removed
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...80 °C
Ambient temperature with moving cable	-20 °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
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Red-purple
Material housing	TPE-U(PUR), reinforced
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Brass, nickel-plated and gold-plated
Material insulating sheath	PE