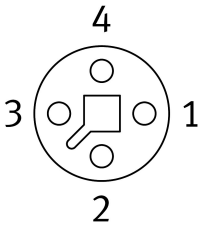
Connecting cable
NEBM-T12G4-R-10-LE4

Part number: 8140937





Data sheet

Feature	Value
Based on standard	EN 61076-2-111
Cable designation	With inscription label holder
Product weight	800 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, T-coded according to EN 61076-2-111
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock
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	4
Electrical connection 2, used connections/cores	4
Operational voltage range DC	0 V...60 V
Current rating at 40° C	5 A
Immunity to surge	1.5 kV
Shielding	No
Cable length	10 m
Cable characteristic	Suitable for robot applications
Test conditions cable	Test conditions on request
Bending radius, fixed cable	30 mm
Bending radius, moving cable	75 mm
Cable diameter	7.5 mm
Cable diameter tolerance	±0.2 mm
Cable structure	4 x 0.75 mm²
Nominal cross section conductor	0.75 mm²
Conductor nominal cross section	AWG19

Feature	Value
Wire ends	Stripped
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 °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 zone III
Note on materials	RoHS compliant
Pollution degree	3
Corrosion resistance class CRC	0 - No corrosion stress
Material cable sheath	PVC
Cable sheath colour	Black
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	High-alloy stainless steel
Material seals	HNBR
Material electrical contact	Gold-plated brass
Material insulating sheath	PVC