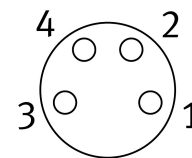# Connecting cable
NEBB-M8G4-P-10-LE4
Part number: 8066663

Data sheet

Feature	Value
Conforms to standard	Wire colours and connection numbers to EN 60947-5-2 EN 61076-2-104
Explosion protection	The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX)
Cable designation	With label holder
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	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock, size 9 mm A/F
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	4
Electrical connection 2, used connections/cores	4
Operational voltage range DC	0 V...30 V
Operational voltage range AC	0 V...30 V
Current rating at 40° C	4 A
Immunity to surge	0.8 kV
Cable length	10 m
Cable characteristic	For static applications
Test conditions cable	Test conditions on request
Bending radius, fixed cable	14 mm
Cable diameter	4.5 mm
Cable structure	4 x 0.25 mm²
Nominal cross section conductor	0.25 mm²

Feature	Value
Wire ends	Sheath removed Cut off bluntly
Degree of protection	IP65 IP68 IP69K
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...70 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 4 according to ISO 14644-1
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	TPE-U(PU)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulating sheath	PVC