

# Connecting cable NEBM-T12W4-R-10-LE4

Part number: 8140940

FESTO



 General operating condition

## Data sheet

Feature	Value
Based on standard	EN 61076-2-111
Cable designation	With 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	Angled
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 1, connection pattern	Socket, M12x1 T-coded according to EN 61076-2-111, 4-pin
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 ... 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 mm <sup>2</sup>
Nominal cross section conductor	0.75 mm <sup>2</sup>
Conductor nominal cross section	AWG19
Wire ends	Sheath removed
Degree of protection	IP67
Note on degree of protection	In assembled state
Ambient temperature	-40 °C ... 80 °C
Ambient temperature with moving cable	-20 °C ... 80 °C

Feature	Value
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