

# Connecting cable NEBS-M12G5-ES-15-LE5

Part number: 8097576

FESTO



## Data sheet

Feature	Value
Cable designation	With 2x inscription label holders
Product weight	828 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...60 V
Operational voltage range AC	0 V...48 V
Current rating at 40° C	4 A
Immunity to surge	1.5 kV
Shielding	yes
Cable length	15 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	26 mm
Bending radius, moving cable	52 mm
Cable diameter	5.25 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	5 x 0.34 mm <sup>2</sup> Shielded
Nominal cross section conductor	0.34 mm <sup>2</sup>
Wire ends	Cut off bluntly

<b>Feature</b>	<b>Value</b>
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-40 °C...80 °C
Ambient temperature with moving cable	-25 °C...60 °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
Note on materials	RoHS-compliant
Pollution degree	3
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated bronze
Material insulating sheath	PP