

# Connecting cable NEBV-Q7G2-PD-0.5-N-LE2

Part number: 8115099

FESTO



 General operating condition

## Data sheet

Feature	Value
Cable designation	Without inscription label holder
Frequency of connection	20
Product weight	2.3 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	Connection pattern Q7
Electrical connection 1, number of connections/cores	2
Electrical connection 1, used connections/cores	2
Electrical connection 1, type of mounting	Plug-in
Electrical connection 1, connection pattern	00997311
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Twin wire
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	2
Electrical connection 2, used connections/cores	2
Operational voltage range DC	0 V ... 30 V
Current rating at 40° C	0.3 A
Immunity to surge	1.2 kV
Reverse polarity protection	no
Protective conductor connection	Not available
Shielding	no
Note on operation	Only operate with external power reduction
Cable length	0.5 m
Cable characteristic	Basic
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥11 mm
Bending radius, moving cable	≥16.5 mm
Cable diameter	1.1 mm
Cable structure	2 x 0.08 mm <sup>2</sup>
Nominal cross section conductor	0.08 mm <sup>2</sup>
Conductor nominal cross section	AWG28
Wire ends	Tin-plated
Degree of protection	IP40
Ambient temperature	0 °C ... 50 °C

<b>Feature</b>	<b>Value</b>
Storage temperature	-20 °C ... 70 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Corrosion resistance class CRC	0 - No corrosion stress
Material housing	PA-reinforced
Housing colour	Black
Material electrical contact	Gold-plated copper alloy
Material insulating sheath	PVC