

# Connecting cable

## NEBV-Z4WA2L-R-E-2.5-N-M8G3-S1

Part number: 8047684

FESTO



 General operating condition

## Data sheet

Feature	Value
Signal status display	Yellow LED
Additional functions	Protective circuit
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	54 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connector system	Plug pattern ZC, metric screw
Electrical connection 1, number of connections/cores	2
Electrical connection 1, used connections/cores	2
Electrical connection 1, type of mounting	On solenoid valve via M2 central screw
Electrical connection 1, connection pattern	00995625
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M8x1, A-coded to EN 61076-2-104
Electrical connection 2, number of connections/cores	3
Electrical connection 2, used connections/cores	2
Electrical connection 2, connection pattern	00991974
Operational voltage range DC	20.4 V ... 26.4 V
Nominal operating voltage DC	24 V
Immunity to surge	2.4 kV
Reverse polarity protection	Bipolar
Protective conductor connection	Not provided
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥29 mm
Cable diameter	2.9 mm
Cable diameter tolerance	± 0.1 mm
Cable structure	2 x 0.14 mm <sup>2</sup>
Nominal cross section conductor	0.14 mm <sup>2</sup>
Degree of protection	IP65

<b>Feature</b>	<b>Value</b>
Note on degree of protection	In mounted state
Ambient temperature	-10 °C ... 50 °C
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Pollution degree	3
Note on the contamination level	In mounted state
Corrosion resistance class CRC	3 - high corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PU)
Housing colour	Black
Material union nut	Nickel-plated brass
Material screws	Stainless steel
Material electrical contact	Tin-plated copper alloy Gold-plated brass
Material insulating sheath	PP