

# Connecting cable

## NEBV-Z3WA2L-R-E-5-N-LE2-S1

Part number: 8047677

FESTO



## Data sheet

Feature	Value
ATEX category Gas	II 3G
Explosion ignition protection type Gas	Ex ec IIC Gc X
Explosion protection certification outside the EU	EPL Gc (GB)
Signal status display	Yellow LED
Additional functions	Reduction of holding current Protective circuit
Cable identification	Without inscription label holder
Connection frequency	50
Product weight	90 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	Connection pattern ZC, self-tapping screw
Electrical connection 1, number of pins/wires	2
Electrical connection 1, occupied pins/wires	2
Electrical connection 1, type of mounting	On solenoid valve with self-tapping screw
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	2
Electrical connection 2, occupied pins/wires	2
Operating voltage range DC	20.4 ... 26.4 V
Nominal operating voltage DC	24 V
Surge strength	2.4 kV
Polarity protected	Bipolar
Protective earth connection	Not available
Cable length	5 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, flexible cable installation	$\geq 29$ mm
Cable diameter	2.9 mm
Cable diameter tolerance	$\pm 0,1$ mm
Cable structure	2x0,14
Nominal conductor cross-section	0.14 mm <sup>2</sup>
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-10 ... 50 °C
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress

Feature	Value
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey
Material housing	TPE-U(PU)
Housing color	Black
Material screws	Steel
Material electrical contact	Copper alloy, tinned
Material insulation	PP