

Connecting cable

NEBV-Z3WA2L-R-E-2.5-N-LE2-S1

Part number: 8047676

FESTO



 General operating condition

Data sheet

Feature	Value
Explosion protection	Zone 2 (ATEX) Zone 2 (UKEX)
ATEX category gas	II 3G
Explosion ignition protection type for gas	Ex ec IIC Gc X
Explosion protection certification outside the EU	EPL Gc (GB)
Signal status display	Yellow LED
Additional functions	Protective circuit
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	50 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connector system	Connection pattern ZC, self-tapping 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 self-tapping screw
Electrical connection 1, connection pattern	00995625
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	2
Electrical connection 2, used connections/cores	2
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 available
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 ²

Feature	Value
Nominal cross section conductor	0.14 mm ²
Degree of protection	IP65
Note on degree of protection	In assembled 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	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PU)
Housing colour	Black
Material screws	Steel
Material electrical contact	Copper alloy, tin-plated
Material insulating sheath	PP