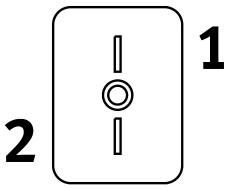
Connecting cable
NEBV-Z3WA2L-R-E-2.5-N-LE2-S1

Part number: 8047676





Data sheet

Feature	Value
Explosion prevention and protection	Zone 2 (ATEX) Zone 2 (UKEX)
ATEX category gas	II 3G
Type of ignition protection for gas	Ex ec IIC Gc X
Explosion protection certification outside the EU	EPL Gc (GB)
Signal status display	Yellow LED
Additional functions	Holding current reduction Protective circuit
Cable designation	Without label holder
Contact durability	50
Product weight	50 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, connection technology	Connection diagram 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 air solenoid valve with self-tapping screw
Electrical connection 2, function	Control 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
DC operating voltage range	20.4 V...26.4 V
Nominal operating voltage DC	24 V
Surge resistance	2.4 kV
Reverse polarity protection	Bipolar
Protective earth connection	Not available

Feature	Value
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, flexible cable installation	29 mm
Cable diameter	2.9 mm
Cable diameter tolerance	± 0.1 mm
Cable design	2 x 0.14 mm²
Nominal conductor cross section	0.14 mm²
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-10 °C...50 °C
CE marking (see declaration of conformity)	As per EU EMC directive As per 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
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PU)
Housing colour	Black
Material of screws	Steel
Material of pin contacts	Tin-plated, high-alloy steel
Insulating sheath material	PP