

Connecting cable

NEBV-Z3WA2L-R-E-10-N-LE2-S1

Part number: 8047675

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 | 170 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 | 10 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 |