

manifold sub-base VABX-A-P-EL-E12-APA-SHUH

Part number: 8189594
New

FESTO

Data sheet

| Feature | Value |
|--|--|
| Vibration resistance | Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Position of connection | At the side |
| Polarity protected | Yes |
| Diagnostics via LED | Diagnostics per module Power supply load |
| Diagnostics per internal communication | Load switch-off Electronics/sensors overvoltage Electronics/sensors undervoltage |
| Max. number of valve positions | 32 |
| Valve terminal structure | Valve sizes can be mixed |
| Max. number of solenoid coils | 32 |
| Module parameters | Response in error state Configuration of voltage monitoring load supply PL |
| Dimensions W x L x H | 35,2 mm x 104,3 mm x 55,8 mm |
| Protection (short circuit) | Internal electronic fuse protection per channel |
| Inductive protective circuit | Integrated |
| Intrinsic current consumption at nominal operating voltage for electronics/sensors | typ. 27 mA |
| Intrinsic current consumption at nominal operating voltage load | Typ. 13 mA |
| Note regarding operating voltage | SELV/PELV fixed power supplies required Note voltage drop |
| Power consumption at 24VDC | 650 mW |
| Nominal operating voltage DC for electronics/sensors | 24 V |
| Nominal operating voltage, DC outputs | 24 V |
| Power failure buffering | 10 ms |
| Electrical isolation of outputs between channel - internal communication | Yes |
| Degree of contamination | 2 |
| Permissible voltage fluctuations for electronics/sensors | ± 25 % |
| Permissible voltage fluctuations, load | ± 10 % |
| Power supply, function | Incoming electronics/sensors and load |
| Power transmission, function | Outgoing electronics/sensors and load |
| Undervoltage load/valves (diagnostic message) | ≤ 21.1 V |
| Authorisation | RCM Mark |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | to EU directive for EMC in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Storage temperature | -20 ... 70 °C |
| Relative air humidity | 5 - 95 % |
| Protection against direct and indirect contact | Protective extra-low voltage with safe disconnection (PELV) |

| Feature | Value |
|---------------------------------------|---|
| | Protection by safety extra-low voltage (SELV) |
| Protection class | IP65 |
| Overvoltage category | II |
| Ambient temperature | -5 ... 50 °C |
| Nominal altitude of use | < 3000 m NHH |
| Max. tightening torque, wall mounting | 6 Nm |
| Product weight | 126.7 g |
| Maximum address volume for outputs | 4 Byte |
| Mounting method for sub-base | with through hole |
| Mounting type | Tie rod |
| Pneumatic connection, port 1 | für Cartridge 15 mm |
| Pneumatic connection, port 5 | für Cartridge 15 mm |
| Materials note | Conforms to RoHS |
| Material of connecting plate | PA-reinforced |
| Material cover | PA-reinforced |
| Material seals | NBR |
| Material sleeve | High alloy steel, non-corrosive |
| Material clip | High alloy steel, non-corrosive |
| Material nut | High alloy steel, non-corrosive |