

# Manifold sub-base VABX-A-P-EL-E12-MC-SHUH-XL

Part number: 8188452

**FESTO**



 General operating condition

## Data sheet

| Feature                                              | Value                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------|
| Size                                                 | 1<br>2                                                                           |
| Vibration resistance                                 | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance                                     | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                |
| Position of connection                               | From the side                                                                    |
| Valve terminal structure                             | Valve sizes can be mixed                                                         |
| Max. number of valve coils                           | 32                                                                               |
| Compatible with                                      | Valve terminal VTUX-A-P                                                          |
| Dimensions (W x L x H)                               | 45.6 mm x 117.4 mm x 53.9 mm                                                     |
| Note regarding operating voltage                     | SELV/PELV fixed power supplies required<br>Note voltage drop                     |
| Nominal operating voltage DC of load                 | 24 V                                                                             |
| Pollution degree                                     | 2                                                                                |
| Approval                                             | RCM trademark                                                                    |
| KC mark                                              | KC-EMV                                                                           |
| CE mark (see declaration of conformity)              | To EU EMC Directive<br>In accordance with EU RoHS Directive                      |
| UKCA marking (see declaration of conformity)         | To UK instructions for EMC<br>To UK RoHS instructions                            |
| Corrosion resistance class CRC                       | 2 - Moderate corrosion stress                                                    |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L                                                                |
| Storage temperature                                  | -20 °C ... 70 °C                                                                 |
| Relative air humidity                                | 5 - 95%                                                                          |
| Degree of protection                                 | IP40                                                                             |
| Ambient temperature                                  | -20 °C ... 50 °C                                                                 |
| Max. tightening torque wall mounting                 | 6 Nm                                                                             |
| Product weight                                       | 122.2 g                                                                          |
| Electrical control                                   | Multi-pin plug                                                                   |
| Max. cable length                                    | 30 m                                                                             |
| Electrical connection 1, connector system            | Spring-loaded terminal                                                           |
| Electrical connection 1, number of connections/cores | 34                                                                               |
| Connection cross section                             | 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>                                      |
| Cable outlet                                         | Straight                                                                         |
| Mounting method for sub-base                         | With through-hole                                                                |
| Type of mounting                                     | Via through-hole for M5 screw                                                    |
| Pneumatic connection, port 1                         | For 15 mm cartridge                                                              |

| Feature                      | Value                      |
|------------------------------|----------------------------|
| Pneumatic connection, port 5 | For 15 mm cartridge        |
| Note on materials            | RoHS-compliant             |
| Material sub-base            | PA-reinforced              |
| Material cover               | PA-reinforced              |
| Material seals               | NBR                        |
| Material sleeve              | High-alloy stainless steel |
| Material clip                | High-alloy stainless steel |
| Material nut                 | High-alloy stainless steel |