

# Pneumatic interface VABA-S6-1-X2-F1-CB-AL

Part number: 8152437

**FESTO**



## Data sheet

| Feature                                                    | Value                                                                                              |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Vibration resistance                                       | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6               |
| Shock resistance                                           | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                              |
| Valve manifold interface                                   | Type 44, VTSA-F-CB                                                                                 |
| Diagnostics                                                | Wire break per valve coil<br>Short circuit of pneumatic valves<br>Undervoltage of pneumatic valves |
| Max. no. of valve positions                                | 12 for double-solenoid valves<br>24 for single-solenoid valves                                     |
| LED indicators                                             | 1 group diagnostics                                                                                |
| Parameterization                                           | Failsafe per channel<br>Forcing per channel<br>Idle mode per channel<br>Module monitoring          |
| Fuse protection (short circuit)                            | Internal electronic fuse per pneumatic valve output                                                |
| DC operating voltage range                                 | 21.6 V...26.4 V                                                                                    |
| Intrinsic current consumption at nominal operating voltage | Typ. 15 mA for valves without CPX-FVDA-P2<br>Typ. 25 mA for electronics with CPX-FVDA-P2           |
| Max. power supply per channel                              | 0.2 A                                                                                              |
| Max. residual current per module                           | 2 A                                                                                                |
| Nominal operating voltage DC                               | 24 V                                                                                               |
| Electrical isolation between channel and internal bus      | Yes, when using an additional supply for the pneumatic valves                                      |
| CE marking (see declaration of conformity)                 | As per EU EMC directive<br>As per EU RoHS directive                                                |
| UKCA marking (see declaration of conformity)               | To UK instructions for EMC<br>To UK RoHS instructions                                              |
| Corrosion resistance class (CRC)                           | 0 - No corrosion stress                                                                            |
| LABS (PWIS) conformity                                     | VDMA24364-B1/B2-L                                                                                  |
| Storage temperature                                        | -20 °C...60 °C                                                                                     |
| Degree of protection                                       | IP65                                                                                               |
| Ambient temperature                                        | -5 °C...50 °C                                                                                      |
| Product weight                                             | 1542 g                                                                                             |
| Electrical actuation                                       | Fieldbus                                                                                           |
| Electrical connection                                      | Via CPX                                                                                            |

| Feature              | Value             |
|----------------------|-------------------|
| Note on materials    | RoHS compliant    |
| Material of sub-base | Die-cast aluminum |
| Cover material       | PA                |
| Seals material       | NBR               |
| Material of screws   | Steel             |