- **Operated on site or remote-controlled**

- **Manual operation or via high-level PLC/fieldbus**

- **Protection class IP65**

- **Port pattern to Namur VDI/VDE 3845**

# Local controllers DLP-VSE

Technical data

This local controller is a convenient manual unit for controlling process actuators. Using a local controller, a pneumatic drive can assume the functionality of an electrical drive.

- Can be mounted directly on the actuator or on a wall
- Emergency compressed air connection
- Safe thanks to its key-operated switch with removable key
- Large, long-life fluorescent display for the open/closed position of the process valve
- Operated on site or remote-controlled



| General technical data | | |
|---|---|---|
| Operating pressure | [bar] | 3 … 8 |
| Power supply | [V DC] | 24 −15/+20% |
| Voltage supply with AS-interface | [V DC] | 26.5 … 31.6 |
| Auxiliary voltage supply with AS-interface | [V DC] | 24 −15/+20% |
| Operating voltage, valve | [V DC] | 24 −15/+20% |
| Duty cycle of solenoid coils | [%] | 100 |
| Protection class | | IP65 Plug connector when fully pushed in, or fitted with protective cover |

| Operating and environmental conditions | | |
|---|---|---|
| Ambient temperature | [°C] | −5 … +50 based on EN 60654-1 class C1 (use in weather-protected areas) |
| Optional ambient temperature | [°C] | −25 … +55 to EN 60654-1 class C2 (use in weather-protected areas) |
| Relative air humidity | [%] | 5 … 100 condensing |
| Corrosion resistance class CRC[1] | | 3 |
| CE mark (see declaration of conformity) | | In accordance with EU EMC directive |

[1] Corrosion resistance class 3 to Festo standard 940 070
Components requiring higher corrosion resistance. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface
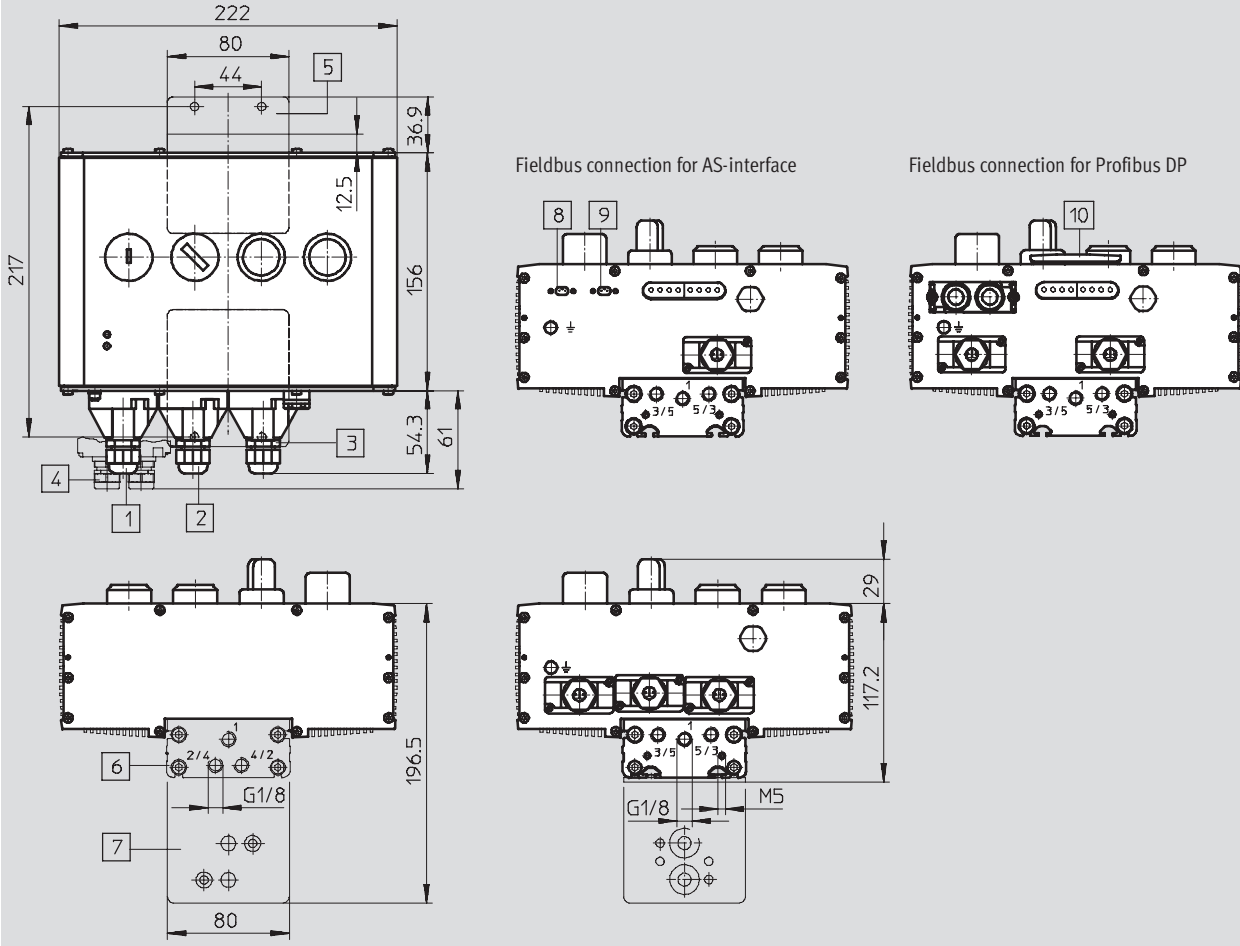
# Local controllers DLP-VSE

Technical data

**Dimensions**       Download CAD data ➜ **www.festo.com/en/engineering**



Fieldbus connection for AS-interface

Fieldbus connection for Profibus DP

| | | Standalone | Fieldbus connection | |
|---|---|---|---|---|
| | | PLC | AS-interface | Profibus DP |
| 1 | Power supply | ■ | – | ■ |
| 2 | PLC connection or external controller | ■ | – | – |
| 3 | Limit switch inputs | ■ | ■ | ■ |
| 4 | Cable socket for AS-interface / Sub-D plug | – | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 |
| 5 | Mounting kit DLP-VSE-BP for wall mounting | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 |
| 6 | Sub-base DLP-VSE-OBEN for wall mounting | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 |
| 7 | Sub-base DLP-VSE-OBEN-NAMUR for mounting on the linear actuator DLP | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 | ■ Accessories➜ 7 / 3.1-5 |
| 8 | Voltage supply with AS-interface | – | ■ | – |
| 9 | AS-interface bus connection | – | ■ | – |
| 10 | Switch cover for Profibus addressing | – | – | ■ |

| Ordering data | | |
|---|---|---|
| Brief description | Part No. | Type |
| Integrated 5/2-way valve, converted mechanically into a 3/2-way valve, normally closed, by sealing working port 2 | **188 463** | **DLP-VSE-2-5/2-C** |
| Integrated 5/2-way valve, converted mechanically into a 3/2-way valve, normally open, by sealing working port 4 | **188 466** | **DLP-VSE-2-5/2-O** |
| Integrated 5/3-way valve, normally closed | **188 472** | **DLP-VSE-3-5/3-G** |
| Integrated 5/3-way valve, normally closed, with AS-interface fieldbus connection | **188 473** | **DLP-VSE-3-5/3-G-ASI** |
| Integrated 5/3-way valve, normally closed, with Profibus DP fieldbus connection | **188 474** | **DLP-VSE-3-5/3-G-DP** |
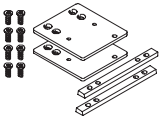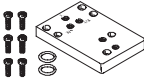
# Local controllers DLP-VSE

Accessories

| Ordering data | | | | |
|---|---|---|---|---|
| | Brief description | Part No. | Type | PU[1] |
| **Mounting** | | | | |
| | Mounting kit for wall mounting in conjunction with the sub-base DLP-VSE-OBEN | 192 062 | **DLP-VSE-BP** | **1** |
| | Sub-base in conjunction with mounting kit DLP-VSE-BP for tubing connection in the direction of the drive | 192 061 | **DLP-VSE-OBEN** | **1** |
| | Sub-base for mounting on the linear valve actuator DLP | 192 060 | **DLP-VSE-OBEN-NAMUR** | **1** |
| **Fieldbus connection** | | Technical data ➔ Volume 4 | | |
| | | Technical data ➔ www.festo.com | | |
| | Cable socket for AS-interface | 18 785 | **ASI-SD-FK** | **1** |
| | Cable socket for AS-interface | 196 089 | **ASI-SD-FK180** | **1** |
| | Sub-D plug for Profibus DP | 532 216 | **FBS-SUB-9-GS-DP-B** | **1** |
| **Fittings** | | Technical data ➔ Volume 3 | | |
| | | Technical data ➔ www.festo.com | | |
| | Push-in fitting, male thread with internal hex | 153 015 | **QS-⅛-8-I** | **1** |
| | Barbed fitting, high-alloy stainless steel with sealing ring | 13 967 | **CRCN-M5-PK-3** | **1** |
| | Barbed fitting, high-alloy stainless steel with sealing ring | 13 970 | **CRCN-⅛-PK-4** | **1** |
| | Quick connector, aluminium design with sealing ring for plastic tubing PL, PP, PU | 3 561 | **CK-M5-PK-3** | **10** |
| | Quick connector, plastic design with moulded-on sealing ring for plastic tubing PL, PP, PU | 2 028 | **CK-⅛-PK-6** | **10** |
| **Silencer** | | Technical data ➔ Volume 3 | | |
| | | Technical data ➔ www.festo.com | | |
| | Sintered bronze | 4 645 | **U-M5** | **10** |
| | Polymer | 2 307 | **U-⅛** | **1** |

1)   Packaging unit quantity

**Controllers**
Local controllers

**3.1**