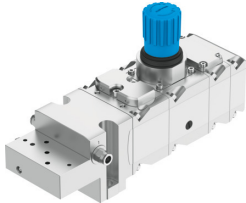


Valve terminal VTOP-

Part number: 8141655

FESTO



Data sheet

| Feature | Value |
|--|---|
| Operating pressure | 0 MPa...0.9 MPa 0 bar...9 bar 0 psi...130.5 psi |
| Size | 100 mm |
| Variants | Manifold block for safety functions, HFT0 prepared for exhaust, VDI/VDE 3845 Manifold block for safety functions, HFT0 prepared for exhaust, VDI/VDE 3847 Manifold block for safety functions, HFT1 prepared for exhaust, VDI/VDE 3847 End plate, double-acting, active direction, can be switched Filter regulator, pressure range 0.5 ... 12 bar, grade of filtration 40 µm Filter regulator, pressure range 0.5 ... 12 bar, grade of filtration 5 µm Module for reaching a specific end position in case of a pressure failure Volume booster, double-acting Volume booster, single-acting |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Mounting position | Any |
| Operating medium | Compressed air as per ISO 8573-1:2010 [-:7:-] Inert gas |
| Information on operating and pilot media | Operation with oil lubrication not possible |
| Vibration resistance | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27 |
| Note on shock resistance | With more than 3 modules, additional mounting requirements or reduced values are necessary Valid for max. 3 modules + end plate |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Type of mounting | With accessories |
| Pneumatic connection | Sub-base design, airing |
| Housing material | Smooth-anodized wrought aluminum alloy (20 µm) |
| Cover material | Smooth-anodized wrought aluminum alloy (20 µm) |
| Material of screws | High-alloy stainless steel |

| Feature | Value |
|--------------------------------|----------------|
| Material of spring | Spring steel |
| Seals material | EPDM NBR |
| Rotary knob material | POM |
| Compressed air filter material | PE |
| Note on materials | RoHS-compliant |