

# Piston actuator DFPK-46-17-D-V4

Part number: 8083962

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size of valve actuator                            | 46  |
| Stroke  | 17 mm   |
| Mounting position                                 | Any   |
| Position sensing                                  | With mechanical indicator   |
| Control function                                  | Double-acting   |
| Operating pressure                                | 0.5 MPa ... 1 MPa   |
| Operating pressure                                | 5 bar ... 10 bar  |
| Operating pressure                                | 72.5 psi ... 145 psi  |
| CE marking (see declaration of conformity)        | as per EU explosion protection directive (ATEX)   |
| UKCA marking (see declaration of conformity)      | acc. to UK EX instructions  |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB)  |
| Explosion prevention and protection               | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| ATEX category gas                                 | II 2G   |
| ATEX category for dust                            | II 2D   |
| Type of ignition protection for gas               | Ex h IIC T6...T4 Gb   |
| Type of (ignition) protection for dust            | Ex h IIIC T80°C...T120°C Db   |
| Explosive ambient temperature                     | 0°C ≤ Ta ≤ +60°C  |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]   |
| LABS (PWIS) conformity                            | VDMA24364 zone III  |
| Storage temperature                               | -10 °C ... 60 °C  |
| Degree of protection                              | IP65<br>IP67<br>IP69K   |
| Ambient temperature                               | 0 °C ... 60 °C  |
| Product weight                                    | 1210 g  |
| Pneumatic connection                              | Internal thread G1/8  |
| Note on materials                                 | RoHS-compliant  |
| Cover material                                    | Cast stainless steel  |
| Seals material                                    | FPM   |
| Housing material                                  | Cast stainless steel  |
| Material number of housing                        | 1.4408  |
| Piston rod material                               | High-alloy stainless steel  |