

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) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) 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 IP67 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