Linear actuator
DGC-K-25- -

Part number: 1312501



Data sheet

Feature	Value
Stroke	1 mm...8500 mm
Piston diameter	25 mm
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Position sensing	Via proximity switch
Variants	Supply port at both ends Standard piston Extended piston
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar
Mode of operation	Double-acting
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 prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex h IIC T4 Gb X
Type of (ignition) protection for dust	Ex h IIIC T120°C Dc X
Explosive ambient temperature	-10°C <= Ta <= +60°C
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C...60 °C
Cushioning length	18 mm
Theoretical force at 6 bar, retracting	295 N
Theoretical force at 6 bar, advancing	295 N
Alternative connections	See product drawing
Type of mounting	With accessories
Note on materials	RoHS compliant

Feature	Value
Cover material	Die-cast aluminum
Seals material	NBR TPE-U(PU)