

Linear actuator DGC-12- -

Part number: 530907

FESTO



Data sheet

Feature	Value
Stroke	1 mm...2000 mm
Piston diameter	12 mm
Cushioning	Elastic cushioning rings/pads at both ends Pneumatic shock absorber, hard characteristic curve Pneumatic shock absorber, soft characteristic curve
Mounting position	Any
Guide	Basic guide Recirculating ball bearing guide
Position sensing	For proximity sensor
Variants	Additional slide, standard, on left Additional slide, standard on right
Operating pressure	0.25 MPa...0.8 MPa 2.5 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 protection certification outside the EU	EPL Dc (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (UKEX)
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 2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C...60 °C

Feature	Value
Theoretical force at 6 bar, retracting	68 N
Theoretical force at 6 bar, advancing	68 N
Type of mounting	With accessories
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	POM TPE-U(PU)