532449

Industrial automation components

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Manufacturer	Festo
Catalog number	532449
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Stroke Length	1 to 8500 mm
Piston Diameter	40 mm
Cushioning	Adjustable pneumatic cushioning at both ends
Operating Pressure	1.5 to 8 bar
Ambient Temperature Range	-10°C to +60°C
Guide Type	Recirculating ball bearing guide
Position Sensing	For proximity sensor
Explosion Protection	Compliant with EU explosion protection directives (ATEX)

Description

The Festo 532449 DGC-40-8500 linear actuator is a versatile pneumatic rodless cylinder designed for precise linear motion in industrial automation applications. With a stroke length ranging from 1 mm to 8500 mm and a piston diameter of 40 mm, it offers flexibility to meet various operational requirements. The actuator features adjustable pneumatic cushioning at both ends, ensuring smooth and controlled movements. It operates effectively within a pressure range of 1.5 to 8 bar and is suitable for ambient temperatures between -10°C and +60°C. The DGC-40-8500 is equipped with a recirculating ball bearing guide, providing robust support and durability. Position sensing is facilitated for proximity sensors, enhancing automation capabilities. This actuator is compliant with EU explosion protection directives (ATEX), making it suitable for use in explosive environments. Its design allows for flexible mounting positions, accommodating diverse installation needs.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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