AUTOMATION TRADER

11917082

Industrial automation components

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Manufacturer	Festo
Catalog number	11917082
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Festo
Part Number	11917082
Product Type	Pneumatic Guided Drive
Piston Diameter	32 mm
Stroke Length	250 mm
Operating Pressure	0.6 to 12 bar
Ambient Temperature Range	-20°C to 80°C
Cushioning	Pneumatic cushioning adjustable at both ends
Position Sensing	For proximity sensor

Description

The Festo 11917082, also known as the DFP-32-250-PPV-A, is a pneumatic guided drive designed for precise linear motion and force control in industrial automation applications. This double-acting cylinder features a 32 mm piston diameter and a 250 mm stroke, providing a robust solution for various automation tasks. The cylinder is equipped with pneumatic cushioning adjustable at both ends, ensuring smooth operation and reducing impact forces. It is designed for proximity sensing, allowing for accurate position detection. The operating pressure ranges from 0.6 to 12 bar, and it operates efficiently within an ambient temperature range of -20°C to 80°C. The cylinder is constructed with a die-cast aluminum cover and high-alloy steel piston rod, ensuring durability and resistance to wear. The DFP-32-250-PPV-A is suitable for applications requiring precise linear motion and force control, such as material handling, assembly lines, and robotic systems.

AUTOMATION TRADER

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