AUTOMATION TRADER

539105

Industrial automation components

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Manufacturer	Festo
Catalog number	539105
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Valve Function	5/2, monostable; 5/3, exhausted; 2x3/2, open/closed, monostable; 5/2, bistable; 2x3/2, open, monostable; 5/3, pressurized; 3/2, open, monostable; 2x3/2, closed, monostable; 5/3, closed; 2/2, closed, monostable; 3/2, closed, monostable
KC Characters	KC EMC
Valve Size	10 mm; 14 mm; 20 mm
Max. Nominal Flow Rate	360 l/min at 10 mm; 550 l/min at 14 mm; 700 l/min at 20 mm
Pneumatic Working Port	QS-6; QS-8; QS-3/16; M7; QS-1/4; G1/8; QS-5/16; QS-4
Operating Pressure	-0.9 bar to 10 bar
Ambient Temperature	-5 °C to 50 °C
Stopień ochrony	IP67

Description

The Festo 539105 is a high-performance valve manifold from the MPA-MPM-VI series, designed for efficient control in industrial automation systems. This valve manifold features a multi-pin electrical actuation system, offering flexibility and reliability in various applications. It supports up to 24 valve positions and accommodates up to 7 pressure zones, making it suitable for complex control tasks. The operating pressure ranges from -0.9 bar to 10 bar, with a maximum standard nominal flow rate of 700 l/min at 20 mm valve size. The ambient temperature range is -5 °C to 50 °C, ensuring stable operation in diverse environments. With a degree of protection rated at IP67, the 539105 is built to withstand harsh conditions, providing durability and longevity in demanding industrial settings.

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