193973

Industrial automation components

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Manufacturer	Festo
Catalog number	193973
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Valve Function	Flow control function
Pneumatic Connection 1	QS-6
Pneumatic Connection 2	QS-6
Adjusting Element	Knurled screw
Typ montażu	Front panel mounting, with through-hole, with accessories
Standard Nominal Flow Rate (Flow Control Direction)	245 l/min
Standard Nominal Flow Rate (Non-Return Direction)	430 l/min
Operating Pressure	0 to 10 bar
Ambient Temperature	-10 to 60 °C
Housing Material	PA-reinforced
RoHS Compliant	Yes
LABS (PWIS) Compliant	VDMA24364-B1/B2-L

Description

The Festo 193973 GRO-QS-6 is a high-quality throttle valve designed for precise flow control in pneumatic systems. This valve features a flow control function, allowing for accurate regulation of airflow to ensure optimal performance in various industrial applications. It is equipped with QS-6 pneumatic connections on both ports, facilitating easy integration into existing systems. The knurled

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screw adjustment component enables straightforward manual setting of the desired flow rate. Mounting options include front panel installation, through-hole mounting, or the use of accessories, providing flexibility to suit different installation requirements. The valve operates effectively within a pressure range of 0 to 10 bar and can handle standard nominal flow rates of 245 l/min in the flow control direction and 430 l/min in the non-return direction. Constructed with a PA-reinforced housing, it offers durability and resistance to wear. The valve is suitable for ambient temperatures ranging from -10°C to 60°C, making it versatile for various environmental conditions. It is RoHS-compliant, ensuring adherence to environmental standards. The valve is also LABS (PWIS) compliant, meeting the VDMA24364-B1/B2-L standard, which is important for applications requiring low contamination levels. The Festo 193973 GRO-QS-6 throttle valve is an essential component for applications requiring precise airflow regulation, such as automation systems, machinery, and other pneumatic equipment.