

CASCED Controlled English Translation

Source file: 流量计/活塞式流量开关FBC210. pdf

Original diagrams and page relationships are retained in the paired source PDF. The following English text is the controlled translation and data transcription.

FBC210 Piston Flow Switch

Model: FBC210

Product family: Flow Measurement

Category: Piston Flow Switches



Overview

Inline mechanical piston flow switch for liquid or gas, with selectable plastic, anodized-aluminum, or stainless-steel housing.

Features

- Low pressure loss
- Good repeatability
- Mechanical/electrical isolation
- Setpoint scale
- Optional dual switch output

Applications

- Industrial automation
- Machinery
- Compressed air
- Refrigeration and air conditioning

Technical Specifications

Specification	Source value
Setpoint ranges	0.4–4; 1–12; 3–30; 5–40; 6–60 L/min, based on source tables

Specification	Source value
Accuracy	±5% FS
Minimum hysteresis	0.6 L/min, depending on setpoint
Output	Reed switch, 24 VDC/250 VAC, 100 mA
Pressure	10 bar plastic; 50 bar aluminum; 100 bar stainless steel
Average pressure loss	0.3 bar at 25 L/min
Maximum media temperature	100°C
Protection	IP65
Connection	M12 connector

Source-Control Status

Ready