

CASCED Controlled English Translation

Source file: 流量计/FL110涡轮流量传感器.pdf

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

FL110 Turbine Flow Sensor

Model: FL110

Product family: Flow Measurement

Category: Turbine Flow Sensors



Overview

Turbine flow sensor family for low-viscosity liquids, available in standard, high-accuracy, and wear-resistant versions.

Features

- Standard and explosion-proof amplifier options
- Optional local totalizer
- Threaded, flanged, and sanitary-clamp connections

Applications

- Water, diesel, and gasoline flow and totalization
- Petroleum
- Chemical processing
- Metallurgy
- Research and control systems

Technical Specifications

Specification	Source value
Nominal sizes	DN2–DN300, as listed
Flow range table	0.03–0.16 m³/h at DN2 through 180–1800 m³/h at DN300
Output options	Two switches; two switches + pulse; two switches + 4–20 mA

Specification	Source value
Supply code	DC = 24 VDC $\pm$ 20%
Connections	Male thread $\leq$ DN50; female thread $\leq$ DN50; flange $\geq$ DN15; sanitary clamp $\leq$ DN100
Electrical connection	M12×1

Source-Control Status

Review required — page 2 is headed FL110 but contains FL510 gear-flow product content and ordering data.