

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

FL - 210

Electromagnetic Flowmeter

Full-bore magmeter for conductive liquids, no pressure drop.

KEY FEATURES

- No moving parts and no pressure drop
- Full-bore PTFE or PFA liner for corrosive media
- HART and Modbus RTU as standard

The FL-210 is an electromagnetic flowmeter for any electrically conductive liquid: water, wastewater, acids, slurries and many food products. The flow tube is unobstructed, so there is no pressure loss and nothing to wear.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Electromagnetic flow
Measuring range	0.01 to 10 m/s
Accuracy	±0.2 % of reading
OUTPUT	
Signals	4–20 mA, HART, Modbus RTU, Pulse / frequency
PROCESS	
Connection	Flange
Process temperature	-20 to 180 °C
ENVIRONMENT	
Ingress protection	IP68
APPROVALS	
Approvals (demo)	Drinking-water contact, Hygienic design
MEASUREMENT	
Nominal sizes	DN10 to DN600
Conductivity	>= 5 µS/cm
PROCESS	
Max. pressure	40 bar
Liner	PTFE, PFA, hard rubber
Electrodes	316L, Hastelloy C, tantalum

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.