

## F6.63.XX

### Magmeter Flow Sensor

The new F6.60 and F6.63 are flow meters without moving mechanical parts which can be applied for the measurement of dirty liquids so long as they are conductive and homogeneous. The F6.60 family can provide three different options: frequency output to be connected to FLS flow monitors, 4–20 mA output for long distance transmission and PLC connection and the new volume pulse output freely settable. The insertion magmeter family is provided with an USB interface and a dedicated software (freely downloadable from FLS web site) which allows to easily set by a PC all parameters according to specific installation requirements (as full scale and cut off). The specific design allows an accurate flow measurement over a wide dynamic range in pipe sizes from DN15 (0.5") to DN600 (24").

#### APPLICATIONS:

- Water and waste water treatment
- Raw water intake
- Industrial water distribution
- Textile industry
- Pools, spas and aquariums
- HVAC
- Processing and manufacturing industry
- Sea water applications

#### MAIN FEATURES:

- No moving parts, no wear, maintenance free
- High mechanical resistance
- Accurate measurement of dirty liquids
- Pipe size range: from DN15 (0,5") to DN600 (24")
- Adjustable Flow Rate Range
- Low pressure drop
- User Settable Operating Parameters
- 4–20 mA, frequency or volumetric pulse output
- Bi-directional flow measurement selectable (for F6.60)
- Special versions for salt-water applications (high concentrations of chlorides like sea water) and for high temperature conditions

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Reference	Version	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range	Weight (gr.)
F6.63.09	Blind	12 - 24 VCC	L0	316L SS \$ EPDM	IP65	From 0,15 to 8 m/s*	950
F6.63.10	Blind	12 - 24 VCC	L0	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	950
F6.63.11	Blind	12 - 24 VCC	L1	316L SS \$ EPDM	IP65	From 0,15 to 8 m/s*	1000
F6.63.12	Blind	12 - 24 VCC	L1	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	1000
F6.63.33	Blind	12 - 24 VCC	L0	CuNi \$ PVDF \$ EPDM	IP65	From 0,15 to 8 m/s*	950
F6.63.34	Blind	12 - 24 VCC	L0	CuNi \$ PVDF \$ FKM	IP65	From 0,15 to 8 m/s*	950
F6.63.35	Blind	12 - 24 VCC	L1	CuNi \$ PVDF \$ EPDM	IP65	From 0,15 to 8 m/s*	1000
F6.63.36	Blind	12 - 24 VCC	L1	CuNi \$ PVDF \$ FKM	IP65	From 0,15 to 8 m/s*	1000
F6.63.38	Blind	12 - 24 VCC	L0	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	950
F6.63.40	Blind	12 - 24 VCC	L1	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	1000

All information subject to change.

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