

# F6.50.XX

Paddlewheel Flow Transmitter



Reference	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range	Weight (gr.)
F6.50.01	12 - 24 VCC	L0	C-PVC / EPDM	IP65	From 0,15 to 8 m/s*	250
F6.50.02	12 - 24 VCC	L0	C-PVC / FKM	IP65	From 0,15 to 8 m/s*	250
F6.50.03	12 - 24 VCC	L1	C-PVC / EPDM	IP65	From 0,15 to 8 m/s*	300
F6.50.04	12 - 24 VCC	L1	C-PVC / FKM	IP65	From 0,15 to 8 m/s*	300
F6.50.05	12 - 24 VCC	L0	PVDF / EPDM	IP65	From 0,15 to 8 m/s*	250
F6.50.06	12 - 24 VCC	L0	PVDF / FKM	IP65	From 0,15 to 8 m/s*	250
F6.50.07	12 - 24 VCC	L1	PVDF / EPDM	IP65	From 0,15 to 8 m/s*	300
F6.50.08	12 - 24 VCC	L1	PVDF / FKM	IP65	From 0,15 to 8 m/s*	300
F6.50.09	12 - 24 VCC	L0	SS316L / EPDM	IP65	From 0,15 to 8 m/s*	450
F6.50.10	12 - 24 VCC	L0	SS316L / FKM	IP65	From 0,15 to 8 m/s*	450
F6.50.11	12 - 24 VCC	L1	SS316L / EPDM	IP65	From 0,15 to 8 m/s*	500
F6.50.12	12 - 24 VCC	L1	SS316L / FKM	IP65	From 0,15 to 8 m/s*	500

## F6.50.XX

- High chemical resistance
- Pipe size range: DN15 (0.5") to DN600 (24")
- Low pressure drop
- Setting the functional parameters of the instrument and reading the proximity of the information detected during its use through the Aliaxis Smart Connect App
- Signal transmission 4-20 mA via cable connection

### General Information

- Pipe size range : DN15 to DN600 (0.5-24")
- For more details, refer to the Installation Adapters section
- Wireless connection standards: Bluetooth® 5.0 compatible with iOS and Android
- Flow Range: 0.15 to 8 m/s (0.5-25 ft/s)
- Linearity:  $\pm 0.75\%$  of full scale
- Repeatability:  $\pm 0.5\%$  of full scale
- Minimum Reynolds number required: 4.500
- Protection class: IP65
- Materials in contact with liquids:
  - Sensor body: PVC-C, PVDF or AISI 316L stainless steel
  - O-ring: EPDM or FKM
  - Rotor: ECTFE (Halar®)
  - Axis: Ceramic (Al<sub>2</sub>O<sub>3</sub>) / AISI 316 Stainless Steel (for metal sensors)
  - Bearings: Ceramic (Al<sub>2</sub>O<sub>3</sub>) / absent (for metal sensors)