

F3.00.P.XX

PADDLEWHEEL FLOW SENSOR

Paddlewheel Flow Sensor (for direct connection to PLC)

The simple and reliable paddlewheel flow sensor type F3.00 is designed for use with every kind of solid-free liquids. The sensor can measure flow from 0.15 m/s (0.5 ft/s) producing a frequency output signal highly repeatable. A rugged construction and a proven technology guarantee exceptional performances with little or no maintenance required. A dedicated electronic, with a push-pull output, is available for a safe connection to any kind of PLC/Instrument digital input. A specially designed family of fittings ensures an easy and quick installation into all pipe materials in sizes from DN15 to DN600 (0.5" to 24").

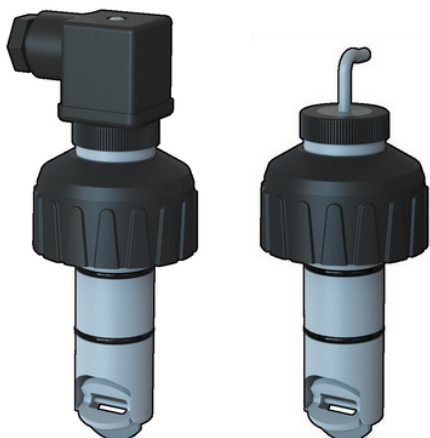
APPLICATIONS:

- Water treatment and regeneration
- Industrial wastewater treatment and recovery
- Textile finishing
- Water distribution
- Processing and manufacturing industry
- Filtration systems
- Chemical production
- Liquid delivery systems
- Cooling water monitoring
- Heat Exchangers
- Swimming pools
- Pump protection

MAIN FEATURES:

- C-PVC, PVDF or Stainless Steel sensor body
- Two sensor lengths to cover from DN15 up to DN600
- Easy insertion system
- IP65 or IP68 protection class
- Measurement range over 50:1
- High chemical resistance
- Version for battery powered system
- Push-Pull output for universal electrical connection

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Reference	Version	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range	Weight (gr.)
F3.00.P.01	Push-Pull	12 - 24 VCC	L0	C-PVC \$ EPDM	IP68	From 0,15 to 8 m/s*	250
F3.00.P.02	Push-Pull	12 - 24 VCC	L0	C-PVC \$ FKM	IP68	From 0,15 to 8 m/s*	250
F3.00.P.03	Push-Pull	12 - 24 VCC	L1	C-PVC \$ EPDM	IP68	From 0,15 to 8 m/s*	300
F3.00.P.04	Push-Pull	12 - 24 VCC	L1	C-PVC \$ FKM	IP68	From 0,15 to 8 m/s*	300
F3.00.P.05	Push-Pull	12 - 24 VCC	L0	PVDF \$ EPDM	IP68	From 0,15 to 8 m/s*	250
F3.00.P.06	Push-Pull	12 - 24 VCC	L0	PVDF \$ FKM	IP68	From 0,15 to 8 m/s*	250
F3.00.P.07	Push-Pull	12 - 24 VCC	L1	PVDF \$ EPDM	IP68	From 0,15 to 8 m/s*	300
F3.00.P.08	Push-Pull	12 - 24 VCC	L1	PVDF \$ FKM	IP68	From 0,15 to 8 m/s*	300
F3.00.P.09	Push-Pull	12 - 24 VCC	L0	316L SS \$ EPDM	IP68	From 0,15 to 8 m/s*	600
F3.00.P.10	Push-Pull	12 - 24 VCC	L0	316L SS \$ FKM	IP68	From 0,15 to 8 m/s*	600
F3.00.P.11	Push-Pull	12 - 24 VCC	L1	316L SS \$ EPDM	IP68	From 0,15 to 8 m/s*	650
F3.00.P.12	Push-Pull	12 - 24 VCC	L1	316L SS \$ FKM	IP68	From 0,15 to 8 m/s*	650
F3.00.P.13	Push-Pull	12 - 24 VCC	L0	C-PVC \$ EPDM	IP65	From 0,15 to 8 m/s*	250
F3.00.P.14	Push-Pull	12 - 24 VCC	L0	C-PVC \$ FKM	IP65	From 0,15 to 8 m/s*	250
F3.00.P.15	Push-Pull	12 - 24 VCC	L1	C-PVC \$ EPDM	IP65	From 0,15 to 8 m/s*	300
F3.00.P.16	Push-Pull	12 - 24 VCC	L1	C-PVC \$ FKM	IP65	From 0,15 to 8 m/s*	300
F3.00.P.17	Push-Pull	12 - 24 VCC	L0	PVDF \$ EPDM	IP65	From 0,15 to 8 m/s*	250
F3.00.P.18	Push-Pull	12 - 24 VCC	L0	PVDF \$ FKM	IP65	From 0,15 to 8 m/s*	250
F3.00.P.19	Push-Pull	12 - 24 VCC	L1	PVDF \$ EPDM	IP65	From 0,15 to 8 m/s*	300
F3.00.P.20	Push-Pull	12 - 24 VCC	L1	PVDF \$ FKM	IP65	From 0,15 to 8 m/s*	300
F3.00.P.21	Push-Pull	12 - 24 VCC	L0	316L SS \$ EPDM	IP65	From 0,15 to 8 m/s*	600

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations



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Reference	Version	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range	Weight (gr.)
F3.00.P.22	Push-Pull	12 - 24 VCC	L0	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	600
F3.00.P.23	Push-Pull	12 - 24 VCC	L1	316L SS \$ EPDM	IP65	From 0,15 to 8 m/s*	650
F3.00.P.24	Push-Pull	12 - 24 VCC	L1	316L SS \$ FKM	IP65	From 0,15 to 8 m/s*	650

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