

F6.50.XX

Paddlewheel Flow Transmitter



Reference	tooltiplmage	Other description	system	Category	family	series	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range
F6.50.01	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L0	C-PVC / EPDM	IP65	From 0,15 t 8 m/:
F6.50.02	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L0	C-PVC / FKM	IP65	From 0,15 t 8 m/:
F6.50.03	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	C-PVC / EPDM	IP65	From 0,15 t 8 m/:
F6.50.04	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	C-PVC / FKM	IP65	From 0,15 t 8 m/:
F6.50.05	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L0	PVDF / EPDM	IP65	From 0,15 t 8 m/:
F6.50.06	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L0	PVDF / FKM	IP65	From 0,15 t 8 m/:



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F6.50.07	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	PVDF / EPDM	IP65	From 0,15 t 8 m/:
F6.50.08	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	PVDF / FKM	IP65	From 0,15 t 8 m/:
F6.50.09	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	LO	SS316L / EPDM	IP65	From 0,15 t 8 m/:
F6.50.10	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	LO	SS316L / FKM	IP65	From 0,15 t 8 m/:
F6.50.11	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	SS316L / EPDM	IP65	From 0,15 t 8 m/:
F6.50.12	-	*0.15 at 8 m/s = (0.5-25 ft/s)	Automation system	FLS Measurement and control Instrumentation	Flow sensors	Insertion Paddlewheel and Electromagnetic Flow Sensors	12 - 24 VCC	L1	SS316L / FKM	IP65	From 0,15 t 8 m/:



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- 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 (Al₂O₃) / AISI 316 Stainless Steel (for metal sensors)
 - Bearings: Ceramic (Al₂O₃) / absent (for metal sensors)