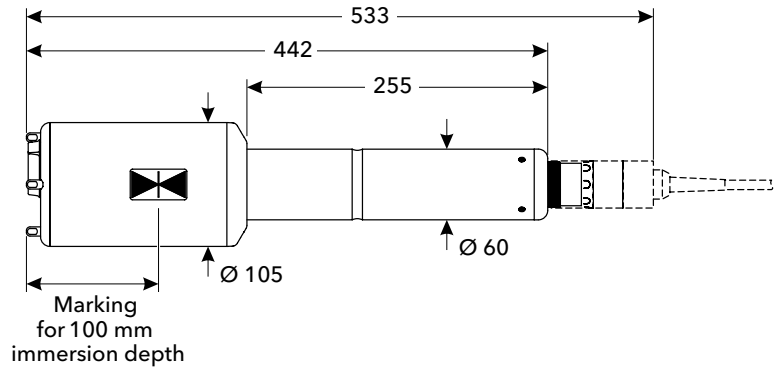




Digital IQ sensor IFL 700 IQ to determine the sludge level

Unique on the market: Sludge level measurement with maintenance-free cleaning system - the IFL 700 IQ with smart signal processing

We would like to inform you about the application range on our website



Technical Data

Model	IFL 700 IQ	IFL 701 IQ
Measuring method	Ultrasound echo measurement	
Measuring range and Resolution	0.4 m - 15 m	0.01 m
Accuracy	0.1 m	
Immersion depth	Min. 5 cm; max. 3 m	
Pressure Resistance	0.3 bar The sensor with connected SACIQ cable complies with the requirements of article 3(3), 97/23/EU guideline	
Ambient Conditions	Medium: 0 °... +50 °C, Storage and transport: -5° ... +50°C	
Electrical connections	2-wire shield cable with quick fastener to sensor	
Electromagnetic Compatibility	EN 61326, Class B, FCC Class A; Intended for indispensable operation	
Certifications	CE, cETL, ETL	
Equipment safety, Standards	EN 61010-1; UL 61010-1; CAN/CSA C22.2#61010-1	
Mechanical	Shaft and baseplate: V4A stainless steel 1.4571 Plug head and transition unit: POM Ultrasound unit: PVC-C Protection rating: IP68 Cleaning system: Grade 2 Titanium (shaft), Grivory	Shaft and baseplate: V4A stainless steel 1.4571 Plug head and transition unit: POM Ultrasound unit: PVC-C Protection rating: IP68
Weight (without cable)	Approx. 3.6 kg (7 lb)	
Warranty	2 years for defects in quality	

Model	Description	Order No.
IFL 700 IQ	Digital ultrasonic sensor with automatic cleaning to measure the sludge level	481200
IFL 701 IQ	Digital ultrasonic sensor to measure the sludge level	481201

