

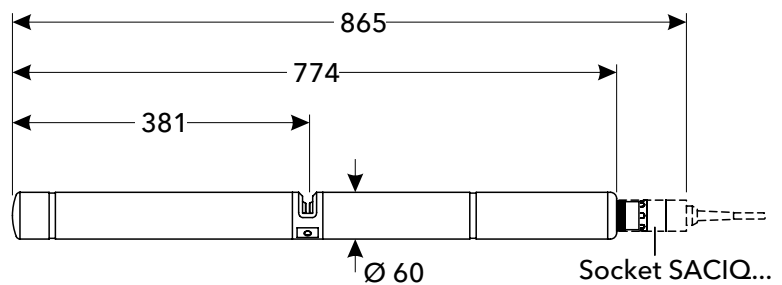


Optical nitrate sensor UV 70x IQ NOx

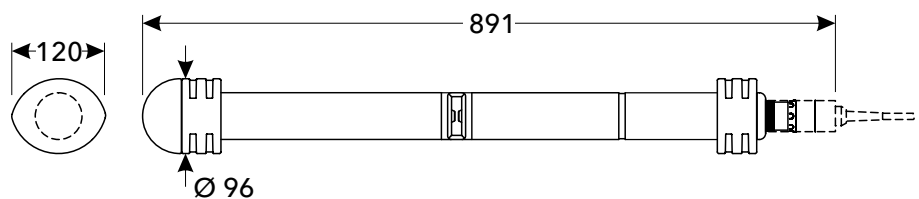
Low-cost probe with integrated ultrasonic cleaning for the maintenance-free and reagent-free measurement of nitrate

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

UV 701 IQ NOx, UV 705 IQ NOx



With shock protection:



Technical Data

Model	UV 701 IQ NOx	UV 705 IQ NOx
Measuring method	UV Single Wavelengths Absorption Measurement	
Measuring gap (optical layer thickness)	1 mm	5 mm
Application (optimized for)	Municipal wastewater with a low proportion of industrial wastewater, waste water treatment plants, surface water	
Measuring range and Resolution	NO _x 0.0 ... 500.0 mg/l 0.1 mg/l NO _x -N 0.0 ... 100.0 mg/l 0.1 mg/l	0.0 ... 100.0 mg/l 0.1 mg/l 0.0 ... 20.0 mg/l 0.1 mg/l
Accuracy (standard application muni. WWTP)	NO _x -N: ± 3 % of measured value ± 0.5 mg/l	
Flow rate	≤ 3 m/s	
Pressure Resistance	Maximum 1 bar (incl. sensor connection cable)	
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	
Mechanical	Housing: Titan Grade 2, PEEK Window: Sapphire glass Protection class: IP 68	
Weight (without cable)	Approx. 8.82 lb (4 kg)	
Warranty	2 years for defects in quality	

Model	Description	Order No.
UV 701 IQ NOx	Optical nitrate (NOx) sensor to measure higher concentration with integrated ultrasonic cleaning, multifunctional slide and shock-absorption-rings, without connecting cable (order SACIQ separately)	481034
UV 705 IQ NOx	Like UV 701 IQ NOx, but to measure low concentrations	481035

