

turbi::lyser II

- s::can plug & measure
- measuring principle: optical
- multiparameter sensor
- ideal for surface water, ground water and drinking water
- turbi::lyser II monitors turbidity and temperature
- long term stable and maintenance free in operation
- factory precalibrated
- E-506-1: mounting and measurement in flow cell
E-506-2: submersed installation
- operation via s::can terminals & s::can software
- conform to USEPA method 180.1

recommended accessories

part number	article name
F-50-4-eco	system panel for s::can sensors
F-50-4-pro	
C-210-sensor	10 m extension cable for s::can sensors and s::can ISE probes
F-11-sensor	carrier s::can sensors



technical specification

measuring principle	optical	power supply	24 VDC
measuring principle detail	in flow cell: nephelometric submersed: 90/180 degree according ISO 7027	power consumption (typical)	6 W
measuring range application	in flow cell: 0 ... 100 NTU submersed: 0 ... 4000 NTU	power consumption (max.)	8 W
resolution	in flow cell: 0.001 NTU submersed: 0.1 NTU	interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC
accuracy	in flow cell: 2% of reading (5% of reading over 40 NTU) submersed: 0.2 NTU	cable length	9 m
automatic compensation instrument	temperature	housing material	sensor: PVC, stainless steel sample chamber: ABS
response time	2 min.	dimensions (diameter x length)	sensor: 38 mm x 274 mm sampling chamber: 100 mm x 170 mm
integrated temperature sensor	-5 ... 95 °C	operating temperature	0 ... 50 °C
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	storage temperature	-20 ... 60 °C
		installation / mounting	submersed or in a flow cell
		flowrate	250 ml/min. (min.) 500 ml/min. (max.)
		protection class	IP 68
		conformity - EMC	EN 61326:1998
		conformity - safety	EN 61010-1, UL508

surface water

		typical concentration ranges for this application		
		turbidity [NTU]	temperature [°C]	part number
turbi::lyser submersed (turbidity)	min.	0	0	E-506-2
	max.	4000	50	

drinking water

		typical concentration ranges for this application		
		turbidity [NTU]	temperature [°C]	part number
turbi::lyser in flow cell (turbidity)	min.	0	0	E-506-1
	max.	100	50	