

Professional Line	DTS-12
Measuring range turbidity:	0 ... 1,600 NTU (nominal)
Accuracy temperature:	± 0.2 °C
Temperature coefficient:	0 ... 40 °C: <-0.3% / °C
Accuracy of turbidity:	At 25 °C: ± 2% of the measured value + 0.2 NTU (0-399 NTU) · ± 4% of the measured value (400-1,600 NTU) *
Resolution turbidity:	0.01 NTU
Depth assessment:	30 m
Interface:	SDI-12
Measuring rate:	20 Hz
Wiping interval:	5 seconds (nominal)
Operating conditions:	0 ... 40 °C
Care:	9.6 ... 16 V
Power consumption:	Standby: 0.35 mA · Operation: 50 mA · Wiper motor: 200 mA
Measuring elements:	Temperature: encapsulated thermistor · humidity: optical nephelometer (side scatter)
Data evaluation:	Mean, variance, median, BES, minimum, maximum, temperature
Dimensions:	Ø 50.8 mm · Length 304.8 mm
Weight:	604 g
Electric wire:	Fixed cable: customer-specific length · Connection cable: 18.3 ... 30.5 m

\*) without formazin batch: accuracy of ± 5%