

Digital sensor of oil in water

Article-No-SC486-7000(Oil)

- ◆ Using high-performance UV LED to be excitation source, luminosity factor is stable , long service life
- ◆ Using special optical filtering technique, eliminate the effect of environmental light and other fluorescence to measurement.
- ◆ Digital sensor , RS485 signal output , anti interference is strong and the distance of transmission is more far
- ◆ Open communication agreement,can achieve integration and networking with other equipment
- ◆ Cleaning brush can clean by itself, reduce the maintenance
- ◆ The operation of probe is easy, support software upgrade online, and convenient for maintenance



Technische Daten

Typ	8890 Oil-B	8890 Oil-R
Measurement parameter	Oil in water (crude) 、 temperature	Oil in water (purified oil) 、 temperature
Measure ranges	(0 ~ 2500) ppb	(0 ~ 10000) ppb
Accuracy	Oil in water $\leq \pm 1\%$ of Reading value	
repeatability	Oil in water : $\leq 2\%$ of reading value	
Zero drift	$\pm 1\%$ F.S	
Rang drift	$\pm 1\%$ F.S	
Calibration cycle	3 months	
Resolution	0.1 ppb	10 ppb
Cleaning system	Automatic cleaning with Cleaner brush (optional)	
power-supply	(9-30) VDC	
Consumption	1.1W (Non-cleaning mode)	
Communicate	RS485	
Ingress protection	IP68、 60m underwater	
Temperature range	(0 ~ 50)°C	
dimension	Immersion : 207 mm \times \varnothing 51mm	
material	Stainless steel (316L) 、 POM	