



Ultraturb Meerwasser sc, Trübungssensor, 5 m Kabel

Artikel-Nr.: LPV415.99.22001

CHF Preis: Kontakt

Lieferung innerhalb 1 Woche

The turbidity bypass sensor that brings clarity

Large measuring range: 0.0001 - 1,000 NTU

The Hach Ultraturb plus sc Sensor measures turbidity from 0 - 1000 NTU (FNU) for a wide variety of low to medium range turbidity applications. Use it to effectively monitor conventional filtered water processes, effluent water, distribution systems, and elevated tanks where small-sized particulates or air entrapment may be an issue.

Self-Cleaning Sample Chamber Option

The Ultraturb sensor is available with an automatically self-cleaning sample chamber that guarantees stable measured values. The silicon wiper blades inside the sample chamber are held in place with a magnetic coupling wheel to further keep the sample chamber intact.

Ratio Methodology Detects Sample Chamber Fouling

The Ultraturb sensor uses ratio methodology with detection at 90° and 180° to minimize reflections in the measuring cell and on the windows. In this way, fouling of the sample chamber is detected earlier than with a single detection system.

Suitable for seawater, brackish water, raw water and other applications

The new Ultraturb seawater sc is resistant to salt concentrations up to 65 g/L.

Technische Daten

Abmessungen (H x B x T):	240 mm x 250 mm x 110 mm
Ansprechzeit:	1 - 60 s (programmable)
Anzeige:	Display provided through connection with digital Hach SC Controller
Auslauf:	13 mm ID Tubing or fixed connection (PVC system component pipework)
Automatischer Wischer:	Ja
Betriebsbedingungen:	2 - 40 °C (36 - 104 °F)
Druckbereich:	6 bar at 20 °C (87 psi at 68 °F)
Durchflussrate:	0.2 to 1 L/min
Eingang:	13 mm ID Tubing or fixed connection (PVC system component pipework)
Gehäuse-Schutzklasse:	IP55
Genauigkeit:	± 0.008 FNU ±1% of reading whichever is greater (0 - 10 FNU)
Gewährleistung:	24 Monate
Gewicht:	Approx. 1.5 kg

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Kabellänge:	5 m
Kalibriermethode:	Stablcal
Material:	Housing: ASA; Window: Quartz; Wiper Blade: Silicon; Wiper Shaft: stainless steel 1.4571
Messbereich:	0.0001 - 1000 FNU (TE/F, NTU, FNU) can be programmed as required (0.001-250 EBC = 2500 ppm SiO ₂) (Note: 1 FNU is equivalent to 1 NTU)
Messmethode:	90° infrared pulse scattered light technique in accordance with DIN EN ISO 7027
Modell:	Ultraturb Seawater
Probentemperatur:	Max. 50°C (122°F)
Sensorreinigung:	Wiper, automatic
Verifizierung:	Stablcal or dry standard CVM module
Wiederholbarkeit:	± 0.003 FNU or ± 0.5% of reading (whichever is greater) from 0 - 2 FNU

Inhalt

Hach Ultraturb sc, Werksprüfzeugnis, 4 Wischer, Zubehörsatz LZP816, Benutzerhandbuch

Erforderliches Zubehör

- SC4500 Controller, Prognosys, 5x mA Ausgang, 2 digitale Sensoren, 100 - 240 V AC, ohne Netzkabel/ (Item LXV525.99A11551)
- SC4500 Controller, Claros-Einbindung, 5x mA Ausgang, 2 digitale Sensoren, 100 - 240 V AC, ohne Netzkabel/ (Item LXV525.99AA1551)
- SC4500 Controller, Claros-Einbindung, 5x mA Ausgang, 2 digitale Sensoren, 100 - 240 V AC, EU-Stecker (Item LXV525.99CA1551)
- SC4500 Controller, Prognosys, 5x mA Ausgang, 1 digitaler Sensor, 100 - 240 V AC, ohne Netzkabel (Item LXV525.99A11501)
- SC4500 Controller, Prognosys, 5x mA Ausgang, 2 digitale Sensoren, 24 V DC, ohne Stecker (Item LXV525.99Z11551)