



pHD-S sc Senzor diferențial digital de pH, oțel inoxidabil, cablu de 10 m

Nr. produs: LXV427.99.10001

RON Preț (fără TVA): Contact
Expediere în 2 săptămâni

pHD-S sc: electrod digital combinat pentru pH

Ca sondă de imersie cu sisteme electronice AD integrate. Senzorul funcționează cu controller SC 200 și SC 1000.

Durată mai lungă de funcționare

This field-proven technique uses three electrodes instead of the two normally used in conventional pH sensors. Process and reference electrodes measure the pH differentially with respect to a third ground electrode. The end result is unsurpassed measurement accuracy, reduced reference junction potential, and elimination of sensor ground loops. These sensors provide greater reliability, resulting in less downtime and maintenance.

Garanție etapizată pe 2 ani*

The double junction salt bridge creates a barrier to contamination which minimizes the dilution of the internal standard cell solution. The result is lower maintenance needs and a longer time period between calibrations.

Plug and play cu controllere SC

The unique, replaceable salt bridge holds an extraordinary volume of buffer to extend the working life of the sensor by protecting the reference electrode from harsh process conditions. The salt bridge simply threads onto the end of the sensor if replacement is needed.

Fiabilitate cu preamplificator încapsulat integrat

Encapsulated construction protects the sensor's built-in preamp from moisture and humidity, ensuring reliable sensor operation. The preamp in the pHD analogue sensor produces a strong signal, enabling the sensor to be located up to 1000 m (3280 ft.) from the analyser.

Tehnologie brevetată

The former GLI, now a Hach Company brand, invented the Differential Electrode Technique for pH measurement in 1970. The pHD[™] sensor series (U.S. Patent Number 6395158B1, dated May 28, 2002) takes this field-proven technology to a new level.

Specificații

Acuratete:	± 0,02 pH
Acuratete temperatura:	± 0.5 °C (± 0.9 °F)
Adancime imersie:	Submersible to 107 m/1050 kPa
Cablu senzor:	NPT la ambele capete
Compliance:	Hazardous location, Maritime, CE
Comunicare:	Modbus
Condiții de depozitare:	4 - 70 °C, 0 - 95% relative humidity (non-condensing)
Conexiunea cablului:	Digital
Deviere:	0.03 pH pentru 24 de ore, necumulat
Distanța de transmisie:	100 m, maximum

	1000 m, maximum when used with a termination box
Domeniu de măsurare:	-2.0 to 14.0 pH
Garanție:	24 luni
Greutate:	0,870 kg
Interval de presiune:	Max. 2 bar suprapresiunii
Lungime:	271.3 mm
Lungime cablu:	10 m PUR (polyurethane) 4-conductor with one shield, rated to 105 °C
Material:	Titan
Material corp:	Stainless steel
Materiale în contact cu mediul:	Stainless steel, PPS, glass, titanium, FKM/FPM o-ring
Metoda de calibrare:	Automată în două puncte, automată într-un punct, manuală în două puncte, manuală într-un punct.
Modalitate de montaj:	Immersion
Model:	pHD-S sc pH
Rata debit:	3 m per second, maximum
Repetabilitate:	± 0.05 pH
Sen:	± 0,01 pH
Sensor cable:	10 m (33 ft.) polyurethane, 4-conductor cable with one shield, rated to 105 °C (221°F)
Senzor de temperatura:	Termistor NTC de 300 Ω pentru compensarea automată a temperaturii și afișarea temperaturii analizorului
Temperatura de operare monitor:	-5 - 70 °C (23 - 158 °F) pHd and ORP 0 - 50 °C (32 - 122 °F) SS pHd
Temperature compensation:	Before initial pH calibration, calibrate the temperature measurement when the sensor is in water or buffer which is at approximately the same temperature as the pH buffers (matches current recommendation) automată cu termistor NTC de 300 ohmi, sau fixată manual la o temperatură introdusă de utilizator
Tip electrod:	General Purpose

Accesorii necesare

- Modul de afișare SC1000 (Item LXV402.99.00001)