



Be Right™



pHD-S sc Digitalni diferencialni pH-senzor, nerjavno jeklo, 10-m kabel

Številka izdelka: LXV427.99.10001

EUR Cena: Kontakt

Na voljo

pHD-S sc: digitalna diferencialna elektroda za pH

Kot potopna sonda z vgrajeno elektroniko AD. Senzor deluje s kontrolnima enotama SC200 in SC1000.

Daljša življenjska doba

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.

Dveletna fazna garancija*

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.

Tehnologija "Plug and Play" s kontrolnimi enotami 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.

Zanesljivo delovanje z vgrajenim inkapsuliranim predojačevalnikom

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.

Patentirana tehnologija

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.

Specifikacije

Delovna temperatura:	-5 - 75 °C
Dolžina:	271.3 mm
Dolžina kabla:	10 m PUR (poliuretan), štirižilni z eno zaščito in nazivno temperaturo 105 °C
Komunikacija:	Modbus
Material:	titan
Material ohišja:	Stainless steel
Materiali v stiku z vodo:	Stainless steel, Ryton, glass, titanium, viton o-ring
Merilno območje:	0 - 14 pH

Način montaže:	Immersion
Natančnost:	± 0,02 pH
Navoj senzorja:	NPT na obeh koncih
Občutljivost:	± 0,01 pH
Območje tlaka:	Najv. 2 bar nadtlak
Oddaljenost prenosa:	100 m (328 ft.), maximum
Pogoji skladiščenja:	4 - 70 °C, 0 - 95% relative humidity (non-condensing)
Ponovljivost:	± 0.05 pH
Potopna globina:	Submersible to 107 m/1050 kPa
Povezava s kablom:	Digital
Pretok:	najv.
Region:	EU
Sensor cable:	10 m (33 ft.) polyurethane, 4-conductor cable with one shield, rated to 105 °C (221°F)
Stopnja pretoka:	3 m per second, maximum
Temperaturna kompenzacija:	Samodejna s 300-omskim termistorjem NTC ali ročno nastavljena na temperaturo, ki jo vnese uporabnik
Temperaturna natančnost:	± 0.5 °C
Temperaturni senzor:	300-omski termistor NTC za samodejno temperaturno izravnavo in branje temperature analizatorja
Tendenca:	0.03 pH na 24 ur, nekumulativno
Teža:	0,870 kg
Umertivena metoda:	Dvotočkovno samodejno, enotočkovno samodejno, dvotočkovno ročno, enotočkovno ročno.
Vrsta elektrode:	General Purpose

Obvezni pripomočki

- SC 1000 Probe module for 4 sensors, 4x mA OUT, Relay, EU (Item LXV400.99.2R121)
- SC1000 Zaslonski modul z zaslonom na dotik (Item LXV402.99.00001)