



Be Right™



LDO sc Process Sensor for Dissolved Oxygen

Številka izdelka: LXV416.99.20001

EUR Cena: Kontakt

Na voljo

The new LDO generation - even simpler, even more reliable and even more cost-effective

Immersion or flow-through probe with optical luminescence measuring method. Calibration-free & drift-free.

No electrolyte or membrane changes due to the optical measurement method. The new LDO probe ensures there is only a minimal amount of maintenance. The luminescence method means the measurement is unaffected by any type of interference.

Years of practical experience have shown that this method completely overcomes the disadvantages of traditional electrochemical O₂ measurement methods.

Extremely reliable - 36-month warranty on probe

The optimised temperature sensor and the new 3D factory calibration make O₂ measurement even more accurate

No electrolyte or membrane changes necessary

Remote functions for simple and convenient data transfer via Internet and SMS

Specifikacije

Delovna temperatura:	0 - 50 °C
Diameter:	48.25 mm
Dimenzija (d x g):	48.25 mm x 254 mm
Dolžina:	254 mm
Dolžina kabla:	10 m (33 ft)
Garancija:	Probe body: 3 years Sensor cap: 2 years
	In standard applications
Interference :	No Interferences from the following: H ₂ S, pH, K ⁺ , Na ⁺ , Mg ²⁺ , Ca ²⁺ , NH ₄ ⁺ , Al ³⁺ , Pb ²⁺ , Cd ²⁺ , Zn ²⁺ , Cr (total), Fe ²⁺ , Fe ³⁺ , Mn ²⁺ , Cu ²⁺ , Ni ²⁺ , Co ²⁺ , CN ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ , S ²⁻ , PO ₄ ³⁻ , Cl ⁻ , anion active surfactants, crude oils, Cl ₂ < 4 ppm
Komunikacija:	Modbus via SC200 or SC1000 controller
Material ohišja:	Stainless
Materiali v stiku z vodo:	Probe body: CPVC, Polyurethane, Viton, Noryl, 316 Stainless Steel 1.4404 (AISI 316L)

Sensor cap:	Acrylic
Merilno območje:	0.01 - 20.00 mg/L
Možnosti:	None
Natančnost:	± 0,05 ppm, < 1 ppm
Navoj senzorja:	1" NPT outer thread
Območje tlaka:	Najv. 3,5 bar
Ocene nevarnih lokacij:	ETL listed (cETLus marked) to Canadian and US General Safety and Hazardous (Class 1, Div. 2) Locations
Oddaljenost (maksimalna) senzorja od kontrolne enote:	1000 m
Oddaljenost prenosa:	100 m maximum when used with an extension cable
Odzivni čas :	T ₉₅ < 60 s
Odzivni čas - 20 °C :	T ₉₀ < 40 s
pH območje:	0 - 12 pH
Pogoji skladiščenja:	-20 °C - 70 °C
Ponovljivost:	±0.1 mg/L
Potopna globina:	15 m, 1050 kPa, maximum
Razred zaščite:	IP68
Region:	Global
Relativna vlažnost:	95 % (non-condensing)
Resolucija:	0.01 mg/L DO
Sensor cable:	10 m terminated with quick-disconnect plug
Stopnja pretoka:	None required
Temperaturni senzor:	PT100 integrated, external sensor
Teža:	1.0 kg (probe only)
Umertivena metoda:	All probes are factory calibrated and ready to use
	Air calibration: one point, 100% water saturated air
	Sample calibration: comparison to standard instrument