

Hydrogen peroxide sensor WP7



- For swimming pool water, drinkable water, cooling water, process water
- Range: from 0.001 up to 10.0 g/L
- Output signal: 4-20 mA
- Sensor affords surfactants
- Pressure limit: 1 bar as a maximum
- Unnecessary zero adjustment

DESCRIPTION

Principle

Amperometric method with a closed cell of 2 electrodes; wasted sample. The probe includes a CTN sensor for the temperature compensation.

Mounting / Recommendations

The measuring at a constant flow rate requires the use of a specific cell holder (data sheet 193-95).

The complete assembly optimizes the operations.



Cell holder
DF21-C

TECHNICAL FEATURES

Range:	0.001 to 10.0 g/L
pH range:	From 2 to 11
Operating pressure:	1 bar as a maximum
Operating temperature:	1 to 45°C
Flow rate limits:	30 to 40 L/h (see doc. 193-95)
Power supply:	12...30 V DC, [R _{max} = (U-7.5) / 20 kΩ]
Materials:	PVC-U, electro-polished AISI 316L
Dimensions:	Ø 25 mm, length 225 mm

CODE NUMBERS AND REFERENCES

Code	Reference	Range	Resolution	Output	Power
193 165	WP7.MA.CC	0.001.....0.2 g/L	0.001 g/L	4-20 mA	12...30 V DC
193 166	WP7.MA.D	0.001.....0.5 g/L			
193 167	WP7.MA.MM	0.001.....2.0 g/L			
193 168	WP7.MA.XM	0.001.....10.0 g/L	0.010 g/L		

Replacement parts

Code	Reference	Designation
193 904	M7N	Sensor end with diaphragm for WP7, <i>except. MA.XM & MA.CM</i>
193 907	M7D	Sensor end with diaphragm for WP7, MA.XM
193 959	EWP 7/W	Electrolyte for WP7 (100 mL flask)

Complete measuring system

