

Peracetic acid sensor PES7



- CIP disinfection monitoring in Food Industry
- Range: from 0.001 up to 20.0 g/L
- Output signal: 4-20 mA
- Pressure limit: 1 bar as a maximum
- Unnecessary zero adjustment

DESCRIPTION

Principle

Measurement by amperometric method with a diaphragm 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 (see data sheet 193-95). The complete assembly optimizes the operations.



Measuring cell
sensors holder

TECHNICAL FEATURES

Range:	0.001 to 20.0 g/L
Operating pH:	1 to 7
Pressure limits:	1 bar as a maximum
Temperature limits:	1 to 45°C
Flow rate limits:	From 30 to 40 L/h (see the data sheet 193-95)
Power supply:	12...30 V DC
Materials:	PVC-U, electro-polished AISI 316 Ti, PMMA, Silicone elastomer
Dimensions:	∅ 25 mm, length 225 mm

CODE NUMBERS AND REFERENCES

Code	Reference	Range	Resolution	Output	Power
193 184	PES7.MA.CC	0.001.....0.2 g/L	0.001 g/L	4-20 mA	12...30 V DC
193 185	PES7.MA.D	0.001.....0.5 g/L			
193 186	PES7.MA.M	0.001.....1.0 g/L			
193 187	PES7.MA.MM	0.001.....2.0 g/L	0.01 g/L		
193 188	PES7.MA.5M	0.01.....5.0 g/L			
193 189	PES7.MA.XXM	0.01.....20.0 g/L			

Replacement parts

Code	Reference	Designation
193 904	M7N	Sensor end with diaphragm for PES7
193 960	EPS 7/W	Electrolyte for PES7 (100 mL flask)

Complete measuring system with assembly

