

Specification

Technical data:

Measuring Principle	Glass electrode
Application	Standard applications in process and environment. Long-term monitoring, processes with little change.
Characteristic	Very robust, heavy-duty version / high pressure, integrated potential matching, flat membrane available.
Measurement range	pH 0-14
Measuring principle	Gel compact electrode with PTFE ring-diaphragm.
Design	- all shaft lengths with temperature sensor, advanced gel technology - digital electrode with Memosens technology
Material	Glass / PTFE
Dimension	Diameter: 12 mm (0.46 inch) shaft length: 120, 225, 360 and 425 mm (4.68, 8.77, 14.04 and 16,57 inch)
Process temperature	max. 135°C (274°F)

Process pressure	max. 16 bar (230 psi)	
temperature sensor	NTC 30k	
Ex certification	ATEX FM CSA	
Connection	Inductive, digital connection head with Memosens technology.	
Ingres protection	IP68	
Additional Certifications	Also available as Biocompatibility certified SIL version.	
Feature model text	Feat ure	Feature text
Version:	7	Basic version
Application Range:	BA	0-14pH, 0...135°C, 16 bar, sterilizable
Shaft Length:	2	120mm
Approval:	G	Certification:ATEX/NEPSI II 1G;FM IS NI;CSA IS NI Ex ia IIC T3/T4/T6;CL.I. Div 1,Group A-D

Field of application

- Long-term monitoring and limit monitoring of processes

with stable process conditions

- Paper industry
- Plastics chemistry
- Power plants (e.g. flue gas washers)
- Incineration plants
- Food industry
- Breweries
- Water treatment
 - Drinking water
 - Cooling water
 - Well water

The electrode can be applied in hazardous areas