

## High Performance, High Accuracy Combined pH and ORP Sensor



### Highly Accurate in Extreme Conditions

The InPro® 3250i provides stable and precise readings under extreme process conditions from pH 0–14 thanks to its high-alkali pH glass membrane.



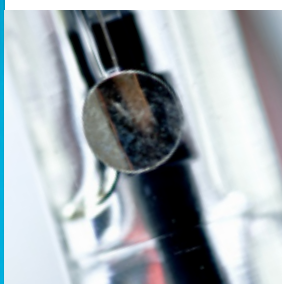
### Low Maintenance and Easy-to-Use

Equipped with Intelligent Sensor Management (ISM®) technology, the InPro 3250i offers predictive diagnostics to reduce maintenance and calibration.



### Sterilizable and Autoclavable

The InPro 3250i provides fast and precise pH and ORP measurement, even after repeated autoclaving and sterilization cycles.



### Versatile to Meet Your Application Needs

This sensor can measure both pH and ORP (Redox), and has a built-in digital temperature sensor. It is pressure resistant up to 4 barg (58 psig).



**ISM®**

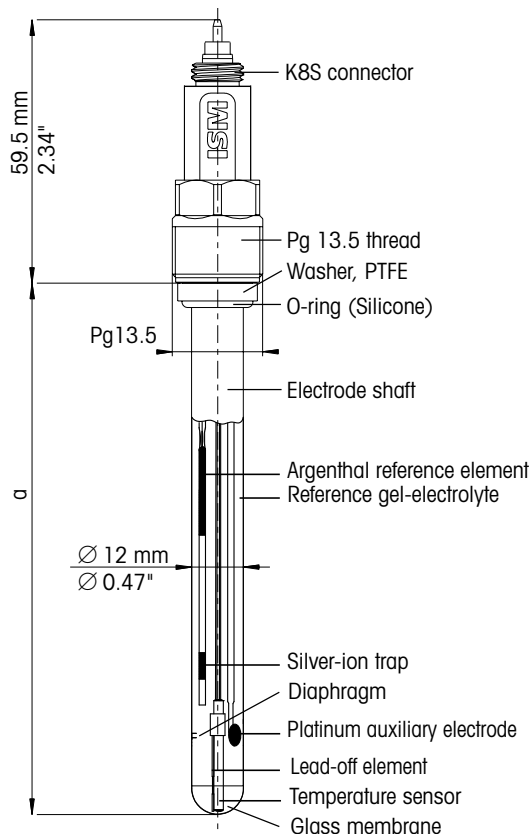


### pH Sensor InPro 3250i For Harsh Applications

The InPro 3250i is designed to withstand the rigors of your production. Its pre-pressurized, maintenance-free reference system ensures high reproducibility and reliable measurement performance under diverse operating conditions. This pH sensor features a digital signal and intelligent diagnostics to help manage your maintenance. The sensor provides a clear display of its remaining lifetime, time remaining until calibration, and counts of the SIP and CIP cycles it has undergone. The InPro 3250i is suited for chemical and pharmaceutical production. Its certification covers hazardous zone use, biocompatibility of the electrolyte, and all relevant hygiene and safety regulations.

## Technical Data of the InPro 3250i

Measurement Parameter	pH & ORP/Redox
ISM (Digital) or Analog	ISM (Digital)
pH Sensing Technology	Highly Alkali Resistant Glass Membrane For Tough Conditions (HA)
pH Range	0–14
Reference System	Pre-pressurized liquid electrolyte, ceramic diaphragm, Argenthal® cartridge with silver-ion trap
Operating Temperature	0–100 °C (32–212 °F)
Operating Pressure	0–4 barg (0–58 psig)
Cable Connector	K8S
Process Connection	Pg 13.5 thread
Temperature Sensor	Digital
Shaft Material	Glass
Solution Ground/Redox Metal	Platinum
Sensor Length	120 mm, 225 mm, 325 mm, 425 mm
Hazardous Area Approvals	Yes
Hygienic/Biocompatibility Approvals	Yes
Sterilizable/Autoclavable	Yes
Primary Media/Application	Chemical Processes Pharmaceutical/Life Science Production
Certificates & Approvals	CE, EHEDG, ATEX/IECEx: Ex ia IIC T6/T5/T4/T3 Ga/Gb, FM: IS Cl. I, II, III, Div 1, GR ABCDEFG/T6, PED, METTLER TOLEDO Quality Certificate



Technical drawing InPro 3250i

## Ordering Information

pH Sensor	Shaft Length	Order Nr.
InPro 3250i/SG/120	120 mm	52 005 373
InPro 3250i/SG/225	225 mm	52 005 374
InPro 3250i/SG/325	325 mm	52 005 375
InPro 3250i/SG/425	425 mm	52 005 376

► [www.mt.com/InPro3250i](http://www.mt.com/InPro3250i)

Get a complete solution  
tailored to your application.



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Management System  
certified according to  
ISO 9001 / ISO 14001

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