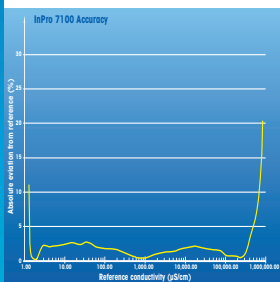


Conductivity Sensors For All Your Processes



High versatility

The InPro® 7100 (i) is compatible with a wide choice of static (InFit® and InDip® series) and retractable (InTrac® series) housings. Use with any process adaption is possible.



WideRange technology saves costs and increases measurement accuracy

WideRange™ technology keeps the sensor design small and easy to fit, allowing installation in small diameter pipes (DN 50).

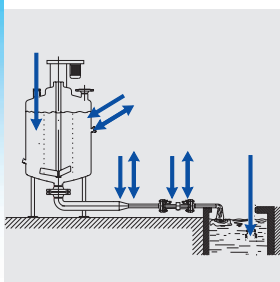


Fast response time

The InPro 7100 (i)'s response time allows quick detection of process changes, leading to better process control.

Benefits are:

- Increased yield
- Higher product quality
- Cost saving in the production process



Easy process integration

The compact design of the InPro 7100 (i) makes it compatible with the wide choice of Ingot housings, opening a wide range of integration options.



InPro 7100 (i) Series Versatile and Durable

The InPro 7100 (i) series is designed for the Chemical, Pharmaceutical, Food & Beverage and Pulp & Paper industries. The PEEK shaft material offers high resistivity against aggressive liquids and is particularly suitable for processes with frequent CIP/SIP cycles.

ISM While the InPro 7100 gives an analog output signal, the new InPro 7100 i features our digital Intelligent Sensor Management (ISM®) technology. The benefits of ISM include fast measurement start up thanks to Plug and Measure. All relevant sensor data are stored on a microchip within the sensor's head and are automatically uploaded to the transmitter as soon as it is connected. The digital data transfer signal is insensitive to electromechanical interference and therefore ensures safety and reliability for your production processes.

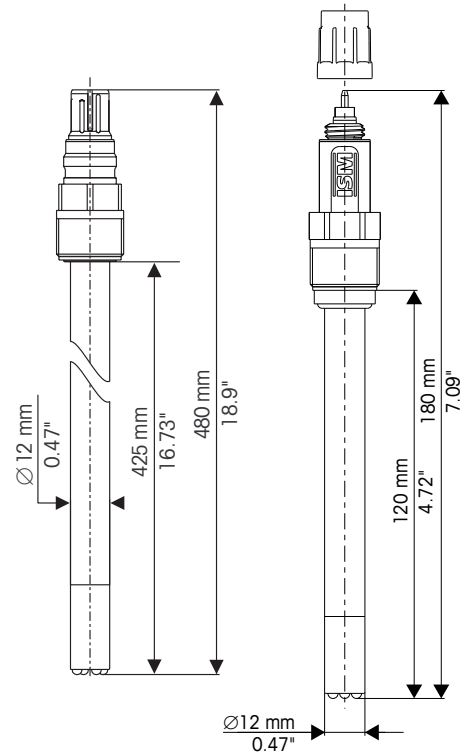
Technical data of the InPro 7100(i) series

Electrode material	316L SS (1.4435), or Hastelloy C-22
Body material	PEEK
Temperature range	-20 ... 150 °C (-4 ... 302 °F)
Process adaption/connection	Pg 13.5 thread
Max. pressure	0 ... 20 bar at 135 °C (0 ... 290 psi at 275 °F) 0 ... 10 bar at 150 °C (0 ... 145 psi at 302 °F)
Sterilizability	max. 150 °C (max. 302 °F)
Cell constant nominal	0.31 cm ⁻¹
ATEX	Yes
Available lengths	120 mm (4.27") 225 mm (8.85") 450 mm (16.73")

Measuring range

Sensor	Transmitter						System accuracy
	M100	M200	M300	M400 (4-W/2-W)	M700	M800	
InPro 7100	-	-	0.02-400	0.02-400	0.02-400	0.02-400*	5%
InPro 7100i	0.02-500	0.02-500	0.02-500	0.02-500	-	0.02-500	5%

All value in mS/cm
* M800 1-channel only



ISM®



InPro 7100



InPro 7100i



PROFI
BUS

Fieldbus
Foundation



ISM®

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www.mt.com/pro

For more information



CE 1258

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Process Analytics
Local contact: www.mt.com/pro-MOs

Subject to technical changes
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