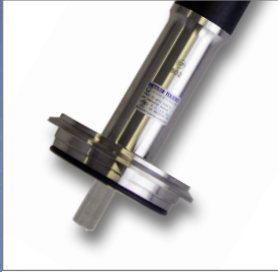
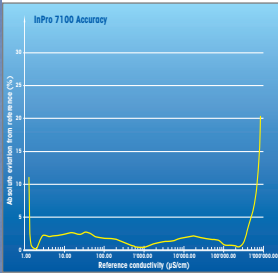


Conductivity Sensors For all Your Processes



High versatility

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



WideRange™ technology Saving costs and increasing measurement accuracy

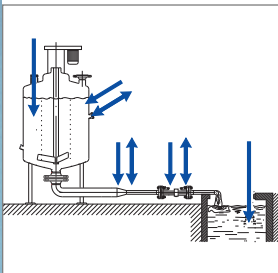
WideRange™ technology keeps the sensor design small and easy to install. That allows installation in pipes with small diameters (DN50).



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 INGOLD housings, opening a wide range of integration options.



InPro 7100 Series For all your processes

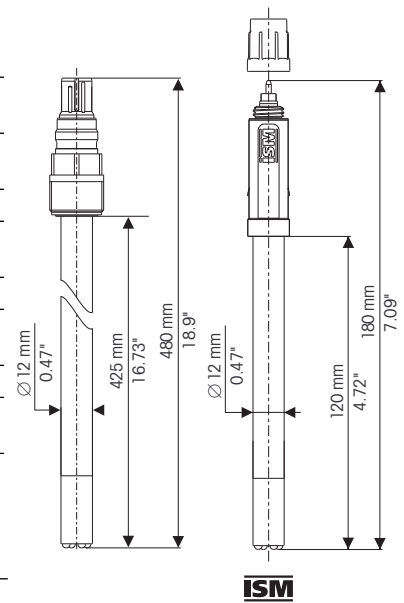
The InPro 7100(i) series is designed for the Chemical, Pharmaceutical, Food & Beverage and Pulp & Paper industries. The PEEK (FDA) shaft material offers high resistivity against aggressive liquids and is particularly suitable for processes with frequent CIP/SIP cycles.

ISM While the InPro 7100 gives an analog output signal, the new InPro 7100i features our digital Intelligent Sensor Management (ISM) technology. The benefits of ISM include fast measurement start up thanks to Plug and Measure. This means that all relevant sensor data are stored on the 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 not sensitive to noise and therefore ensures safety and reliability for your production processes.

Technical data of the InPro 7100 series

Wetted materials	316L SS (1.4435), or Hastelloy C-22 (according to specification), PEEK (FDA)
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)
Protection class (VP connector)	IP68 (NEMA 4X)
ATEX	Ex II 1/2 G Ex ia IIB T6/T5/T4/T3*
Available lengths	120 mm (4.72") 425 mm (16.73")

*ATEX pending



Measuring range with accuracy (± 5% or better)

Sensor	Transmitter					
	M300	M300 ISM	M400	M420	M700	M800
InPro 7100 (mS/cm)	0.02-400	-	0.02-400	0.02-400	0.02-400	-
InPro 7100i (mS/cm)	-	0.02-500	0.02-500	-	-	0.02-500



InPro® 7100



InPro® 7100i



www.mt.com/pro

Visit for more information

Sales and service:



Management System certified according to ISO 9001 / ISO 14001

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