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 INSOLOD 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: II Ⅲ G Ex ia IIB T6/T5/T4/T3*

Available lengths: 120 mm (4.27")

425 mm (16.73")

*ATEX pending

Measuring range with accuracy (± 5% or better)

<table>
<thead>
<tr>
<th>Sensor</th>
<th>Transmitter</th>
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<tbody>
<tr>
<td></td>
<td>M300</td>
</tr>
<tr>
<td>InPro 7100 (mS/cm)</td>
<td>0.02–400</td>
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<tr>
<td>InPro 7100 i (mS/cm)</td>
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</table>

Sales and service:

Visit for more information

www.mt.com/pro

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