

COMBINED HUMIDITY & CORROSION SENSOR OF EXISTING STRUCTURES

SensCore 16.1012



TECHNICAL DATA

CORROSION CURRENT SENSOR:

Material	Ordinary Rebar
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SIZE

Sensor Ø	8 mm
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CORROSION CURRENT

2 positions up to 80 mm depth	Installation of the 1st Sensor in a variable depth
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HUMIDITY SENSOR:

Material	Stainless Steel 1.4301/304
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SIZE

Length	30 mm
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Rod Ø	18 mm
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RESISTIVITY

3 gradients from 0 to 80 mm depth	Installation of the 1st Sensor in a variable depth
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TEMPERATURE

Temperature	2 × PT1000
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Range	–50 to 100°C
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MAIN FEATURES

- Corrosion Initiation Measurement
- Corrosion Propagation Measurement
- Electrical Resistivity Measurement
- Concrete Temperature Measurement
- Applicable for monitoring the water content and humidity exchange in concrete
- Appropriate to variable Concrete Covers
- Optimized for SensCore Datalogger 16.2010

Roctest Ltd. • 665 Pine Avenue, Saint-Lambert, QC J4P 4P4 CANADA • Phone 1-450-465-1113 • Fax 1-450-465-1938 • info@roctest.com • www.roctest.com
Telemac S.A. • 10, avenue Eiffel, 77220 Gretz-Armainvilliers, France • Phone +33-1-64-06-40-80 • Fax +33-1-64-06-40-26 • info@telemac.fr • www.telemac.fr
Smartec SA • Via Pobietto 11, CH-6928 Manno, SWITZERLAND • Phone +41 91 610 1800 • Fax +41 91 610 1801 • smartec@smartec.ch • www.smartec.ch

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