

E-M-HC2 Probes-V1_38	Rotronic AG Bassersdorf, Switzerland
Document code	Unit
HygroClip 2 (HC2) Humidity Temperature Probes: User Guide	Instruction Manual
Document title	Document Type
	Page 13 of 50

Process measurement (fixed installation)	
<i>For use with transmitters and data loggers</i>	
HC2-IC102 HC2-IC105	<p>Accuracy: ±0.8 %RH, ±0.1 K at 10...30 °C</p> <p>Humidity measuring range: 0...100 %RH</p> <p>Temperature limits at sensor: -100...200 °C¹ (-148...392 °F)</p> <p>Diameter barrel: 15 mm (0.6")</p> <p>Length (probe head): 100 mm (3.9"). See note below</p> <p>Cable length: 2 m (6.5 ft) 5 m (16.4 ft)</p> <p>Housing material: PEEK</p> <p>Standard filter: None, must be ordered separately</p> <p>Sensor: HYGROMER® IN-1</p> <p>Weight: 230 g / 8.1 oz, 2 m cable 470 g / 16.6 oz, 5 m cable</p>
HC2-IC302 HC2-IC305	<p>Accuracy: ±0.8 %RH, ±0.1 K at 10...30 °C</p> <p>Humidity measuring range: 0...100 %RH</p> <p>Temperature limits at sensor: -100...200 °C¹ (-148...392 °F)</p> <p>Diameter barrel: 15 mm (0.6")</p> <p>Length (probe head): 250 mm (3.9"). See note below</p> <p>Cable length: 2 m (6.5 ft) 5 m (16.4 ft)</p> <p>Housing material: PEEK</p> <p>Standard filter: None, must be ordered separately</p> <p>Sensor: HYGROMER® IN-1</p> <p>Weight: 260 g / 9.2 oz, 2 m cable 500 g / 17.6 oz, 5 m cable</p>
HC2-IC402 HC2-IC405	<p>Accuracy: ±0.8 %RH, ±0.1 K at 10...30 °C</p> <p>Humidity measuring range: 0...100 %RH</p> <p>Temperature limits at sensor: -100...200 °C¹ (-148...392 °F)</p> <p>Diameter barrel: 15 mm (0.6")</p> <p>Length (probe head): 400 mm (3.9"). See note below</p> <p>Cable length: 2 m (6.5 ft) 5 m (16.4 ft)</p> <p>Housing material: PEEK</p> <p>Standard filter: None, must be ordered separately</p> <p>Sensor: HYGROMER® IN-1</p> <p>Weight: 290 g / 10.2 oz, 2 m cable 530 g / 18.7 oz, 5 m cable</p>

¹ Rotronic probes allow a peak load of 3x5 minutes at 200 °C without suffering any permanent damage. The time between the peak loads is of no importance. Longer peak loads can result in an increased sensor drift of up to 3 %RH over a 25 hours period.