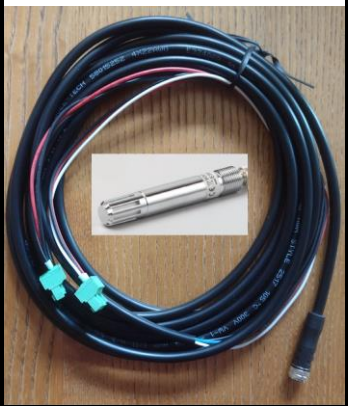


# Technical Data Sheet

## Connect Edge: 3.7 Meter Temperature/Humidity Incubator Probe (0 to 100% RH, -40 to 60°)

Revision A

Catalog Number and Production Model Number	
<b>Specifications</b>	EDGEKTSENRU002 EDGEKTSENRC002 EDGEKTSENRA002
	
Application, Rating and Electrical Data	
Application	Sensor used for monitoring Incubators
Component Type	Cable: PVC (Polyvinyl chloride); PVC shrink tubing <ul style="list-style-type: none"> <li>Dimensions: Ø 12 mm, L: 71 mm</li> <li>Stainless steel</li> </ul>
Sensor Information	
Measured Temperature Range	-40°C to +60°C 0 to 100% RH
Cable Length with connector	3.7 meters
Resolution	± 0.025°C ± 0.025% RH
Tolerance Accuracy (includes sensor adapter)	Uncalibrated: ± 0.8°C (10..+30°C) ± 0.9°C (full range) ± 3% RH (0..+40°C, 0..90% RH) ± 5% RH (0..+40°C, 90..100% RH) ± 5% RH (-40..0°C and +40..+60°C, 0..90% RH) ± 7% RH (full range) Calibrated: ± 0.5°C (calibrated range) ± 1% RH (calibrated range)
Weight	190 g
Calibration certification	EDGEKTSENRC002: Standardized processed according to NIST and ISO9001 EDGEKTSENRA002: Standardized processed according to NIST and ISO/CEI 17025
Protection Index	IP65
General	
Mounting Options	Connect Edge Adapter Kits, 6-Sensor Configuration, Analog Ports
Disinfection/Cleaning	<ul style="list-style-type: none"> <li>Clean the Sensor with a soft cloth lightly moistened with water, a detergent or isopropanol alcohol.</li> <li>Do not use any aggressive cleaning agents or scratching cleansers that might damage your sensor</li> </ul>
Memory	
Sampling Rates	Once per minute
Calibration Parameters	Calibration A and B values are applied using Connect Edge Management Portal
Calibration Values	Calibration at +37°C (98.6°F), 90% RH
Standards and Regulations	ROHS, FCC, CE, TUV-SUD
Environmental Conditions	
Sensor Operating Conditions	-40°C to +60°C (-40°F to 140°F), 0 to 100% RH non-condensing
Country of Origin	China (cable), Finland (Sensor)
Warranty	
Sensor Warranty	1 year