


Technical Data Sheet

Connect Edge: 3.7 Meter Digital Temperature Probe (-55 - 125°)

Revision A

Catalog Number and Production Model Number	
Specifications	EDGEPTSENTU006 EDGEPTSENTC006A EDGEPTSENTA006A EDGEPTSENTC006B EDGEPTSENTA006B
	
Application, Rating and Electrical Data	
Application	Sensor used for monitoring refrigerators, cold rooms, freezers, ovens, incubators
Component Type	Cable: PTFE; PVC shrink tubing <ul style="list-style-type: none"> • Dimensions: Ø 6 mm, L: 50 mm • Stainless Steel
Module and Sensor Information	
Measured Temperature Range	-55°C to +125°C
Cable Length with connector	3.7 meters
Resolution	± 0.04°C
Tolerance Accuracy	Uncalibrated: ± 0.5°C (-10-85°C) ± 2°C (-55-125°C) Calibrated: ± 0.5°C (for calibration range)
Weight	140 g
Calibration certification	EDGEPTSENTC006A/B: Standardized processed according to NIST and ISO9001 EDGEPTSENTA006A/B: Standardized processed according to NIST and ISO/CEI 17025
Protection Index	IP68
General	
Mounting Options	Connect Edge Adapter Kit, 6-Sensor Configuration, Digital Port
Disinfection/Cleaning	<ul style="list-style-type: none"> • Clean the Sensor with a soft cloth lightly moistened with water, a detergent or isopropanol alcohol. • Do not use any aggressive cleaning agents or scratching cleansers that might damage your sensor
Memory	
Sampling Rates	Once per minute
Calibration Parameters	Calibration A and B values are applied using Connect Edge Management Portal
Calibration Values	EDGEPTSENTx006A: Calibration at -40°C, -20°C, 0°C EDGEPTSENTx006B: Calibration at 0°C, 37°C, 100°C
Standards and Regulations	ROHS, FCC, CE, TUV-SUD
Environmental Conditions	
Sensor Operating Conditions	-55°C to 125°C (-67°F to 257°F); 0 to 100% RH non-condensing
Country of Origin	China (cable)
Warranty	
Sensor Warranty	1 year