


Technical Data Sheet

Smart-Vue Pro Wireless Monitoring Solution: Temp/RH Smart sensor (-40°C to +150°C, 0 to 99.9% RH)

Revision A

Specifications	Catalog Number	
	SVPSENRUS001 SVPSENRCS001 SVPSENRCS002	
Application	Sensor used for monitoring storage facilities, stability chambers	
Component Type	Cable: PVC (Polyvinyl chloride); Shrink tube: Polyolefin <ul style="list-style-type: none"> • Dimensions: 33 x 11.6 mm • PTFE filter 	
Module and Sensor Information		
Measuring Range	-40°C to +150°C 0 to 99.9% RH	
Cable Length with connector	Standard cable: 80 cm with connector	
Measurement Uncertainty	$\pm 0.3^\circ\text{C}$ to $\pm 0.5^\circ\text{C}$ $\pm 4\%$ RH	
Tolerance/Accuracy	$\pm 1^\circ\text{C}$ $\pm 4\%$ RH	
Weight	25 g	
Calibration certification	Standardized processed according to NIST and COFRAC EN ISO/CEI 17025	
Protection Index	IP65	
General		
Mounting Options	Vertical on Smart-Vue Pro Duo/Quatro	
Battery Type	NA	
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	Minimum 1 minute to maximum 12 hours as per configuration from webapp	
Calibration Parameters	Calibration correction parameters are pushed and stored directly in the persistent memory of the sensor	
Calibration Values	SVPSENRCS001 - Calibrated at +23°C / 50% RH SVPSENRCS002 - Calibrated at +37°C / 90% RH	
Standards and Regulations	ROHS and CE	
Environmental Conditions		
Ambient Condition Requirements	Ambient Condition Requirements 0°C to 50°C (32°F to 122°F); 0 to 90% RH non-condensing	
Country of Origin	SVPSENRUS001 - China SVPSENRCS001 - China SVPSENRCS002 - China	
Warranty		
Instruments	Standard 1 year on all sensors	