

Digital temperature sensors

For Cobalt X™, Cobalt L3™, and Cobalt ML3™

■ Standard (-40°C to +80°C)

Refrigerators, cold rooms, freezers, ovens, incubators, Legionella conditions

This digital temperature sensor (-40°C à +80°C) is flexible enough to be used for monitoring in many situations, including refrigerators, freezers, drying ovens, incubators, and more.

An optional metal contact tip may be used for monitoring Legionella conditions.



■ Standard or submersible (-40°C to +120°C)

Ovens, incubators, water baths

This digital temperature sensor (-40°C à +120°C) supports the higher temperatures found in ovens, incubators, and water baths.

A submersible version is also available.



■ Insertion probe (-40°C to +120°C)

Food products

This digital temperature insertion probe is designed for temperature monitoring directly at the core of food products.



Specifications

Digital temperature sensors				
General				
Model	Standard	Standard	Submersible	Insertion probe
Range	-40°C to 80°C	-40°C to 120°C		
Compatibility	 Cobalt X2, Cobalt X1, Cobalt L3, Cobalt ML3			
Option	 Contact tip	NA		
Product reference	SON.TNU.0001 (cable: 27 cm) SON.TNU.0002 (cable: 100 cm) SON.TNU.0003 (cable: 350 cm) ACC.SON.0001 (Contact tip)	SON.TNU.0005	SON.TNU.0011	SON.TNU.0009
Metrology				
Resolution	0.0625°C			
Expanded uncertainty	±0.06°C to ±0.25°C			
Calibration options	ISO/IEC 17025 (COFRAC) accredited Certified (non-accredited) NIST-traceable Recalibration via sensor exchange			
Characteristics				
Sensor type	Digital sensor			
Material	Stainless steel			
Dimensions	Ø6 mm L = 30 mm Cables: (see references)	Ø6 mm L = 30 mm Cable: 100 cm	Ø6 mm L = 46 mm Cable: 150 cm	Ø6 mm L = 150 mm Cable: 200 cm Handle: 100 mm
Protection Index	IP67			
Factory accuracy (all models)	Range -10°C to +85°C -30°C to -10°C and +85°C to +100°C -55°C to -30°C and +100°C to +125°C		Accuracy ± 0.5°C ± 1°C ± 2°C	

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