

# Digital temperature sensors

For Cobalt X<sup>TM</sup>, Cobalt L3<sup>TM</sup>, and Cobalt ML3<sup>TM</sup>

## ■ 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

<b>Digital temperature sensors</b>				
<b>General</b>				
<b>Model</b>	Standard	Standard	Submersible	Insertion probe
<b>Range</b>	-40°C to 80°C		-40°C to 120°C	
<b>Compatibility</b>	    Cobalt X2, Cobalt X1, Cobalt L3, Cobalt ML3			
<b>Option</b>		NA		
<b>Product reference</b>	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
<b>Metrology</b>				
<b>Resolution</b>	0.0625°C			
<b>Expanded uncertainty</b>	±0.06°C to ±0.25°C			
<b>Calibration options</b>	ISO/IEC 17025 (COFRAC) accredited Certified (non-accredited) NIST-traceable  <i>Recalibration via sensor exchange</i>			
<b>Characteristics</b>				
<b>Sensor type</b>	Digital sensor			
<b>Material</b>	Stainless steel			
<b>Dimensions</b>	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
<b>Protection Index</b>	IP67			

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