






Temperature probes







The series of Tecnosoft external temperature probes is large and can satisfy every application. Along with the standard temperature probe, water resistant, in rubber, there are different types of food grade probes. They can be applied and are compatible with all Tecnosoft data loggers with external probe and can be matched with different types of cables.


Compatible dataloggers


	TempStick Probe Food Grade, TempStick ²
	TempStick Radio
	Temperature Intelligent Sensor


Cable types


BL – used for metallic probe, 28 cm long, with rubber handle								
	<table border="1"> <tr> <td>Description</td> <td>Black rubber cable</td> </tr> <tr> <td>Probes available</td> <td>02</td> </tr> <tr> <td>Cable size</td> <td>Ø: 3,2 mm</td> </tr> </table>	Description	Black rubber cable	Probes available	02	Cable size	Ø: 3,2 mm	
Description	Black rubber cable							
Probes available	02							
Cable size	Ø: 3,2 mm							
BU – standard cable (when no specific cable is requested, this cable will be used)								
	<table border="1"> <tr> <td>Description</td> <td>Blue rubber cable food grade</td> </tr> <tr> <td>Probes available</td> <td>03, 04, 05, 06</td> </tr> <tr> <td>Cable size</td> <td>Ø: 4,0 mm</td> </tr> </table>	Description	Blue rubber cable food grade	Probes available	03, 04, 05, 06	Cable size	Ø: 4,0 mm	
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Probes available	03, 04, 05, 06							
Cable size	Ø: 4,0 mm							
WH – useful when a very thin cable is needed								
	<table border="1"> <tr> <td>Description</td> <td>Teflon whit cable food grade</td> </tr> <tr> <td>Probes available</td> <td>03, 04, 05, 06</td> </tr> <tr> <td>Cable size</td> <td>Ø: 1,2 mm</td> </tr> </table>	Description	Teflon whit cable food grade	Probes available	03, 04, 05, 06	Cable size	Ø: 1,2 mm	
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Probes available	03, 04, 05, 06							
Cable size	Ø: 1,2 mm							
TF – useful for high (up to 200°C) and low (up to -80°C, Intelligent Sensors only) temperature								
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Probe types

02 – Description: Food Grade probe with handle		
	Probe size	Ø: 4 mm - Length: 275 mm
	Probe material	Stainless steel AISI 316L
	Handle length	15 cm
	Cables available	BL
	Cable length	Up to 2 mt
	Temperature range	-40°C ÷ +90°C

03 – Description: Food Grade probe short rounded		
	Probe size	Ø: 4,4 mm - Length: 30 mm
	Probe material	Stainless steel AISI 316L
	Cables available	BU, WH, TF
	Cable length	Standard: 30 cm – up to 5 mt on demand
	Temperature range	-80°C ÷ +200°C (depends on cable chosen)

04 – Description: Food Grade probe long rounded		
	Probe size	Ø: 4,4 mm - Length: 80 mm
	Probe material	Stainless steel AISI 316L
	Cables available	BU, WH, TF
	Cable length	Standard: 30 cm – up to 5 mt on demand
	Temperature range	-80°C ÷ +200°C (depends on cable chosen)

05 – Description: Food Grade probe short pointed		
	Probe size	Ø: 4,4 mm - Length: 30 mm
	Probe material	Stainless steel AISI 316L
	Cables available	BU, WH, TF
	Cable length	Standard: 30 cm – up to 5 mt on demand
	Temperature range	-80°C ÷ +200°C (depends on cable chosen)

06 – Description: Food Grade probe long pointed		
	Probe size	Ø: 4,4 mm - Length: 80 mm
	Probe material	Stainless steel AISI 316L
	Cables available	BU, WH, TF
	Cable length	Standard: 30 cm – up to 5 mt on demand
	Temperature range	-80°C ÷ +200°C (depends on cable chosen)

General characteristics of the probes:

- constant time higher than the internal sensor;
- each probe can come with a calibration certificate with SIT traceability;
- temperature monitoring directly at the core of the product with the Food Grade probe;
- water resistant;
- possibility to keep the electronics external and download data and program missions without moving the data logger with the SRI (for TempStick only).



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UNI EN ISO 9001:2008 certified for Firmware and Software development