

WIRELESS TRANSMITTERS

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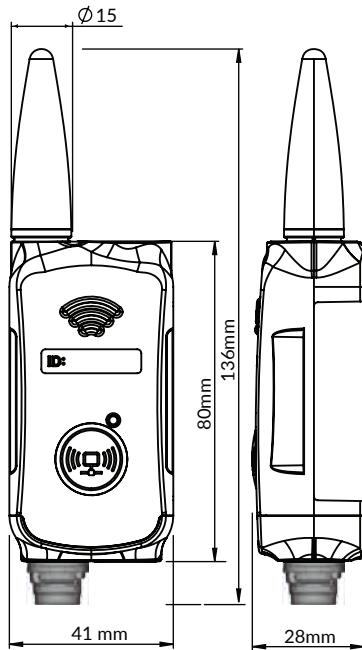
TOTLEY 102-2400

Single Input Wireless Transmitter

For use with the Totley family of wireless base stations

Compatible with a range of Intelligent Digital Sensors (supplied separately)

Product Drawing:



Designed to work with 2.4Ghz wireless base stations and is compatible with a full range Intelligent sensors.

Secure communication protocols using licence free 2.4Ghz radio frequency.

Bi directional wireless communications with the base station allows for communication status reporting.

Can be used in environments where wash down is required.

The screw top battery compartment allows for users to easily replace the transmitter battery.

Technical Specifications:

Transmission Frequency:	1 minute	Status LED:	Provides communication status
RF Frequency:	2.4Ghz	Weight:	77g
	10dbm - Europe & Zone 2	IP Rating:	IP67
	17dbm - Zone 1	Connector:	2 x 3 pin female Hirose
RF Range:	Europe & Zone 2	Operating Temperature:	-20°C to 55°C
	200m (100m typical in buildings)	Battery Life:	>5 years in normal operation
	Zone 1	Battery Type:	3.6V lithium
	400m (200m typical in buildings)	Mounting:	Integral magnetic strip
	Extenders available to boost range		or optional mounting bracket

Compatible Intelligent Digital Sensors

Description

External NTC 5K Stub Probe, (-20°C to +40°C)
 External NTC 5K Probe, 1.5M FEP Cable (-50°C to +70°C)
 External NTC 5K Probe, 4M FEP Cable (-50°C to +70°C)
 External NTC 5K Probe, 1.5M Arctic Cable (-50°C to +70°C)
 External NTC 5K Probe, 4M Arctic Cable (-50°C to +70°C)
 External PT100 High Accuracy Temperature Probe (-30°C to 70°C)
 External PT100 Ribbon Temperature Probe (-20°C to 100°C)
 External PT100 Ribbon Surface Temperature Probe (-20°C to 100°C)
 External PT1000 Standard Temperature Probe 1.5m FEP Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 4m FEP Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 1.5m Arctic Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 4m Arctic Cable (-45°C to 100°C)
 External PT1000 Extended Range Temperature Probe (-100°C to +200°C)
 External PT1000 Temperature Probe, 1500mm Flexible Sensor Housing (-200°C to 200°C)
 External PT1000 Temperature Probe, 370mm Stiff Sensor Housing (-200°C to 200°C)

Description

11-HR - Humidity Sensor (5%RH to 100%)
 12-HR - 0-25mA Signal Input Sensor
 13-HR - 0-200mV Signal Input Sensor
 14-HR - 0-2V Signal Input Sensor
 15-HR - 0-5V Signal Input Sensor
 16-HR - 0-10V Signal Input Sensor
 17-HR - 0-10K Ω Signal Input Sensor
 18-HR - Pulse Counting Sensor (Without Meter)
 19-HR - Digital Input Sensor (Volt Free)

Compatible Accessories

Description

Wireless Transmitter Fixing Bracket
 Wireless Transmitter Replacement Battery (Li 3.6V)
 Intelligent Sensor Extension Cable - 4 meter

TOTLEY 103-2400

Dual Input Wireless Transmitter

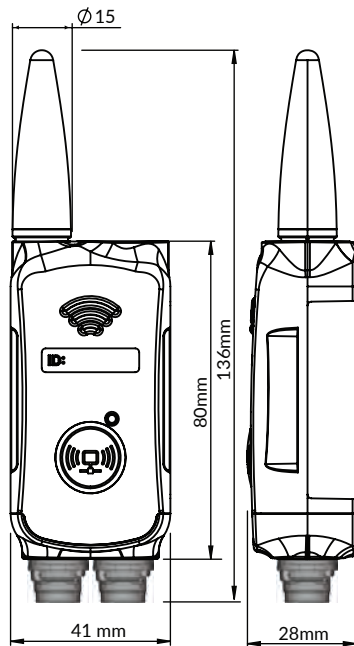
TOTLEY bv-srl



For use with the wireless base stations

Compatible with a range of Intelligent Digital Sensors (supplied separately)

Product Drawing:



Designed to work with 2.4Ghz wireless base stations and is compatible with a full range of intelligent sensors.

Secure communication protocols using licence free 2.4Ghz radio frequency.

Two sensor inputs on separate channels

Bi directional wireless communications with the base station allows for communication status reporting.

Can be used in environments where wash down is required.

The screw top battery compartment allows for users to easily replace the transmitter battery.

Technical Specifications:

Transmission Frequency:	1 minute	Status LED:	Provides communication status
RF Frequency:	2.4Ghz	Weight:	77g
	10dbm - Europe & Zone 2	IP Rating:	IP67
	17dbm - Zone 1	Connector:	2 x 3 pin female Hirose
RF Range:	Europe & Zone 2	Operating Temperature:	-20°C to 55°C
	200m (100m typical in buildings)	Battery Life:	>5 years in normal operation
	Zone 1	Battery Type:	3.6V lithium
	400m (200m typical in buildings)	Mounting:	Integral magnetic strip
	Extenders available to boost range		or optional mounting bracket

Compatible Intelligent Digital Sensors

Description

External NTC 5K Stub Probe, (-20°C to +40°C)
 External NTC 5K Probe, 1.5M FEP Cable (-50°C to +70°C)
 External NTC 5K Probe, 4M FEP Cable (-50°C to +70°C)
 External NTC 5K Probe, 1.5M Arctic Cable (-50°C to +70°C)
 External NTC 5K Probe, 4M Arctic Cable (-50°C to +70°C)
 External PT100 High Accuracy Temperature Probe (-30°C to 70°C)
 External PT100 Ribbon Temperature Probe (-20°C to 100°C)
 External PT100 Ribbon Surface Temperature Probe (-20°C to 100°C)
 External PT1000 Standard Temperature Probe 1.5m FEP Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 4m FEP Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 1.5m Arctic Cable (-45°C to 100°C)
 External PT1000 Standard Temperature Probe 4m Arctic Cable (-45°C to 100°C)
 External PT1000 Extended Range Temperature Probe (-100°C to +200°C)
 External PT1000 Temperature Probe, 1500mm Flexible Sensor Housing (-200°C to 200°C)
 External PT1000 Temperature Probe, 370mm Stiff Sensor Housing (-200°C to 200°C)

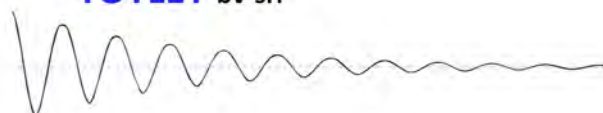
Description

11-HR - Humidity Sensor (5%RH to 100%)
 12-HR - 0-25mA Signal Input Sensor
 13-HR - 0-200mV Signal Input Sensor
 14-HR - 0-2V Signal Input Sensor
 15-HR - 0-5V Signal Input Sensor
 16-HR - 0-10V Signal Input Sensor
 17-HR - 0-10K Ω Signal Input Sensor
 18-HR - Pulse Counting Sensor (Without Meter)
 19-HR - Digital Input Sensor (Volt Free)

Compatible Accessories

Description

Wireless Transmitter Fixing Bracket
 Wireless Transmitter Replacement Battery (Li 3.6V)
 Intelligent Sensor Extension Cable - 4 meter



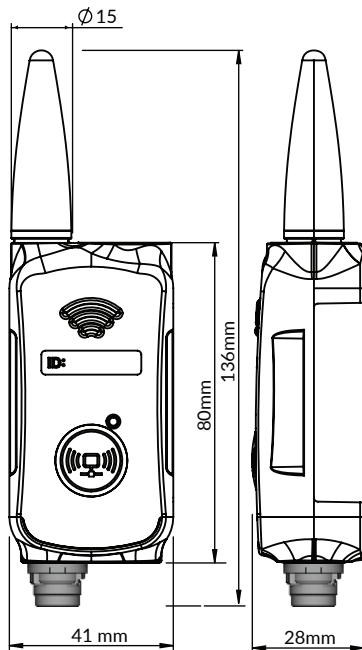
TOTLEY 102-0868

Single Input Wireless Transmitter

For use with the wireless base stations

Compatible with a range of Intelligent Digital Sensors (supplied separately)

Product Drawing:



Designed to work with 868Mhz wireless base stations and is compatible with a full range of Intelligent sensors.

Secure communication protocols using licence free 868Mhz radio frequency.

Bi directional wireless communications with the base station allows for communication status reporting.

Can be used in environments where wash down is required.

The screw top battery compartment allows for users to easily replace the transmitter battery.

Technical Specifications:

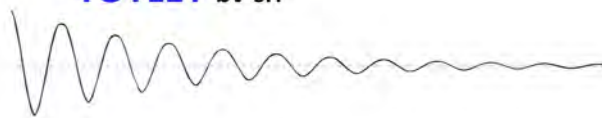
Transmission Frequency: _____ 1 minute
RF Frequency: _____ 868 Mhz
14dbm - UK & Europe

RF Range: _____ 1 kilometre (line of sight, open field)
200m typical in buildings
Extenders available to boost range

Status LED: _____ Provides communication status
Weight: _____ 77g
IP Rating: _____ IP67
Connector: _____ 2 x 3 pin female Hirose
Operating Temperature: _____ -20°C to 55°C
Battery Life: _____ >5 years in normal operation
Battery Type: _____ 3.6V lithium
Mounting: _____ Integral magnetic strip
or optional mounting bracket



TOTLEY bv-srl



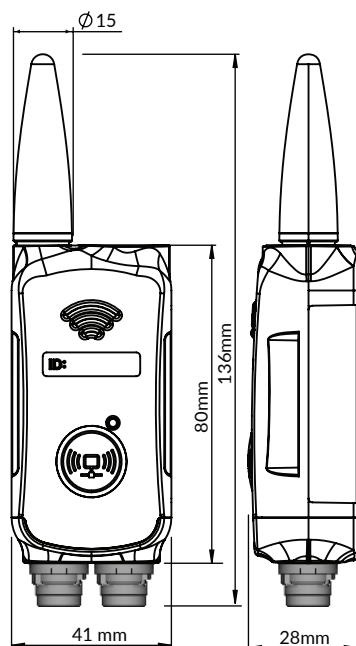
TOTLEY 103-0868

Dual Input Wireless Transmitter

For use with the wireless base stations

Compatible with a range of Intelligent Digital Sensors (supplied separately)

Product Drawing:



Designed to work with 868Mhz wireless base stations and is compatible with a full range of intelligent sensors.

Secure communication protocols using licence free 868Mhz radio frequency.

Two sensor inputs on separate channels

Bi directional wireless communications with the base station allows for communication status reporting.

Can be used in environments where wash down is required.

The screw top battery compartment allows for users to easily replace the transmitter battery.

Technical Specifications:

Transmission Frequency: _____ 1 minute
RF Frequency: _____ 868 Mhz
14dbm - UK & Europe

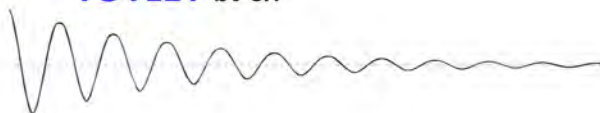
RF Range: _____ 1 kilometre (line of sight, open field)
200m typical in buildings
Extenders available to boost range

Status LED: _____ Provides communication status
Weight: _____ 77g
IP Rating: _____ IP67
Connector: _____ 2 x 3 pin female Hirose
Operating Temperature: _____ -20°C to 55°C
Battery Life: _____ >5 years in normal operation
Battery Type: _____ 3.6V lithium
Mounting: _____ Integral magnetic strip
or optional mounting bracket



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TOTLEY bv-srl



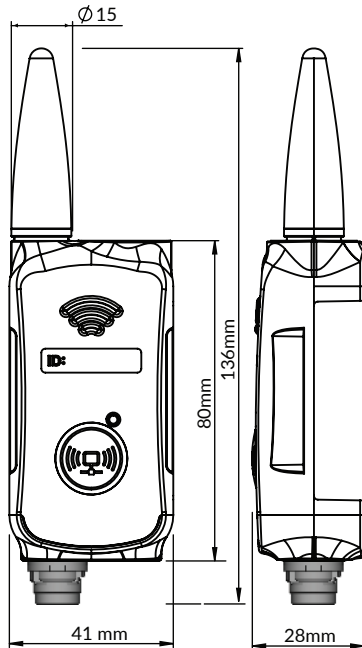
Dynamic traceable calibration of sound and vibration instrumentation and transducers, Consulting, Management, Engineering and Total Solutions provider in Electronic Instrumentation

TOTLEY 102-0868-R

Single Input Wireless Transmitter Roaming

For use with the 868Mhz wireless base stations
Compatible with a range of Intelligent Digital Sensors (supplied separately)

Product Drawing:



Designed to work with 868Mhz wireless base stations and is compatible with a range of Intelligent sensors.

Secure communication protocols using licence free 866Mhz radio frequency.

Bi directional wireless communications with the base station allows for communication status reporting.

1 to 30 minute record intervals allowing for up to 30 days of data storage.

Automatically downloads stored data when within communications distance of the 868Mhz wireless network.

Technical Specifications:

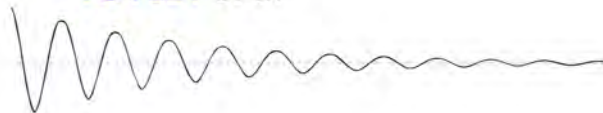
Transmission Frequency: _____	1 minute	Status LED: _____	Provides communication status
RF Frequency: _____	868 Mhz	Weight: _____	77g
	14dbm - UK & Europe	IP Rating: _____	IP67
RF Range: _____	1 kilometre (line of sight, open field)	Connector: _____	2 x 3 pin female Hirose
	200m typical in buildings	Operating Temperature: _____	-20°C to 55°C
	Extenders available to boost range	Battery Life: _____	>2 years based on daily return
Data Storage: _____	1 day at 1 minute Interval	Battery Type: _____	3.6V lithium
	up to 30 days at 30 minute Intervals	Mounting: _____	Integral magnetic strip or optional mounting bracket



TOTLEY 104-0868

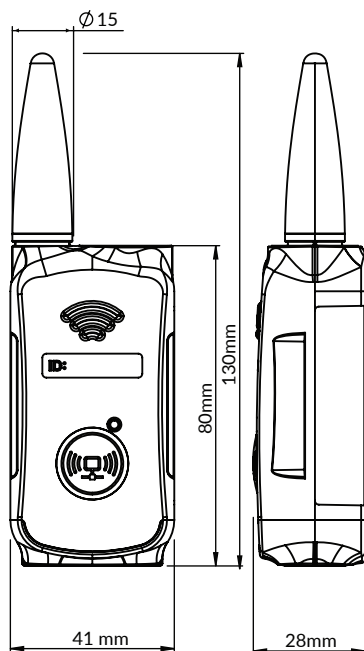
Wireless Signal Repeater

TOTLEY bv-srl



For use with the wireless base stations
Compatible with a range of Transmitters (supplied separately)

Product Drawing:



Designed to work with wireless base stations and is compatible with a full range of wireless transmitters.

Long range secure communication protocols using licence free 868 Mhz radio frequency.

Bi directional wireless communications with the base station allows for communication status reporting.

When covering large distances or where obstacles block the signal of wireless transmitters, repeaters can be used to create interconnecting mesh network to aid communications.

Technical Specifications:

RF Frequency: 868 Mhz
14dbm - UK & Europe

RF Range: 1 kilometre (line of sight, open field)
200m typical in buildings

Power: 5V external power supply (provided)

Weight: 73g

IP Rating: IP45

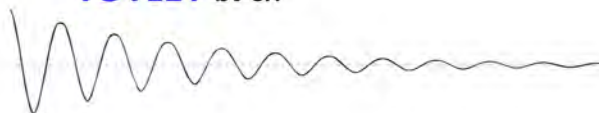
Power Connector: Push fit twist lock

Operating Temperature: -20°C to 55°C

Mounting: Integral magnetic strip
or optional mounting bracket



TOTLEY bv-srl



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TOTLEY 300-HR

NTC Air Sensor Stub Mount -20°C to +45°C

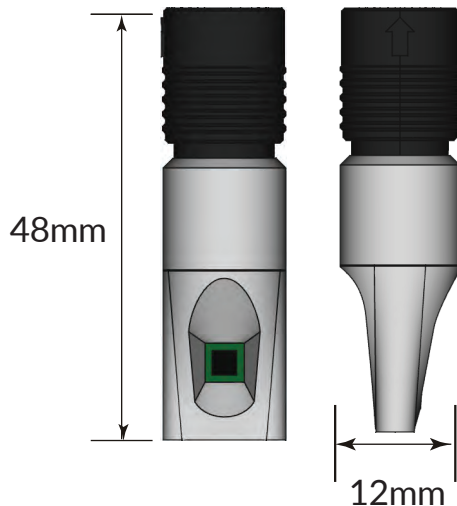
For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

TOTLEY bv-srl



Product Drawing:



Designed to connect directly into the base of a wireless transmitter for measuring air temperature over the range of -20°C to +45°C.

The probe utilises a NTC thermistor which offers excellent stability and low drift over the lifetime of the sensor.

Common uses:

Fridges | Cold Rooms | Production Areas

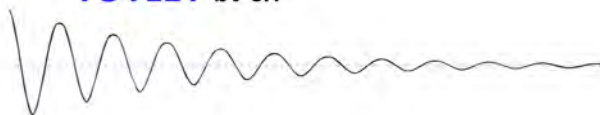
This product can be supplied with a calibration certificate.

Technical Specifications:

Temperature Range: _____	-20°C to 45°C	Connector IP Rating: _____	IP67
Accuracy: _____	Standard - $\pm 0.5^{\circ}\text{C}$ over range	Connector: _____	3 pin male Hirose
	Calibrated - $\pm 0.2^{\circ}\text{C}$ over range	Operating Temperature: _____	-20°C to 45°C
Thermistor: _____	NTC 5K R/T curve 8016/A01	Electronics Sheathing: _____	Technomelt OM678
Weight: _____	6g	Electronics IP Rating: _____	IP67

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)



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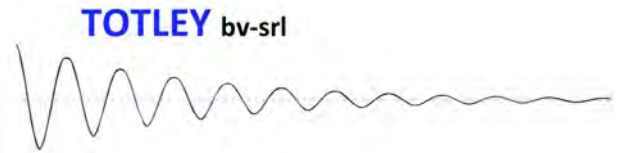
TOTLEY 310-HR

PT1000 Stiff Extreme Range Sensor -200°C to +200°C

Supplied with 370mm stiff mineral insulated cable For

use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)



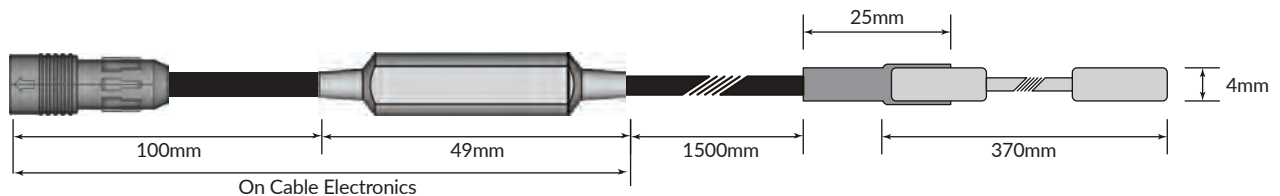
The sensor is supplied with 370mm of 316L stainless steel sheath suitable for use over the entire range of -200°C to +200°C. The stiff construction makes this sensor ideal as an immersion sensor.

Terminated to FEP cable pot sealed with epoxy resin.

Common uses: LN2 flasks | Incubators | -45°C freezers | -80°C freezers | Ovens & Scald Tanks

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____

-200°C to 200°C

Accuracy: _____ @ -100°C

@ 0°C

@ 100°C

@ 200°C

Standard -

±1.0°C

±0.5°C

±1.0°C

Calibrated -

±0.5°C

±0.2°C

±0.5°C

Thermistor: _____

PT1000 Class B

Weight: _____

58g

Sensor Cable: _____

1500mm 3 core FEP cable

Probe Sheathing: _____

316L grade stainless steel

Probe Cable: _____

370mm stiff mineral insulated cable

On Cable Electronics

Connector IP Rating: _____

IP67

Connector: _____

3 pin male Hirose

Operating Temperature: _____

-20°C to 55°C

Electronics Sheathing: _____

Technomelt OM678

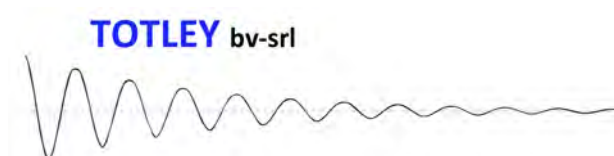
Electronics & Probe IP Rating: _____

IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

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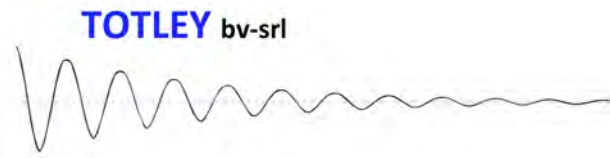


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TOTLEY 309-HR

PT1000 Flexible Extreme Range Sensor -200°C to +200°C



Supplied with 1.5m flexible mineral insulated cable For
use with the wireless base stations
Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

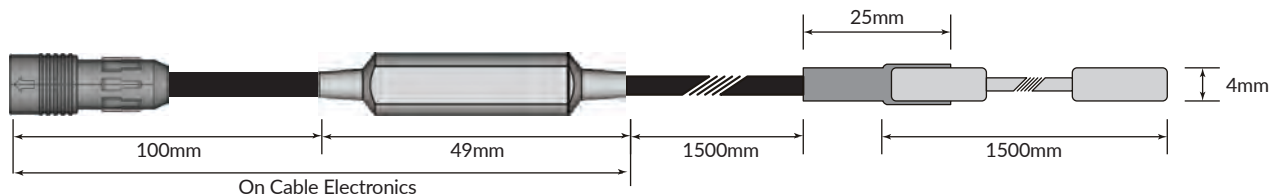
The mineral insulated sensor is supplied with a 316L stainless steel sheath suitable for use over the entire range of -200°C to +200°C. The mineral insulated construction allows the sensor to be bent (100mm from tip) and protects the sensing element against failure caused by vibration.

Terminated to FEP cable pot sealed with epoxy resin. The sensors can be used both immersed or in free air.

Common uses: LN2 Flasks | Incubators | -45°C Freezers | -80°C Freezers | Ovens & Scald Tanks

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____ -200°C to 200°C

Accuracy: _____ @ -100°C | @ 0°C | @100°C | @200°C

Standard - ±1.0°C | ±0.5°C | ±1.0°C | ±1.0°C

Calibrated - ±0.5°C | ±0.2°C | ±0.5°C | ±0.5°C

Thermistor: _____ PT1000 Class B

Weight: _____ 100g

Sensor Cable: _____ 1500mm 3 core FEP cable

Probe Sheathing: _____ 316 grade stainless steel

Probe Cable: _____ 1500mm flexible mineral insulated cable

On Cable Electronics

Connector IP Rating: _____ IP67

Connector: _____ 3 pin male Hirose

Operating Temperature: _____ -20°C to 55°C

Electronics Sheathing: _____ Technomelt OM678

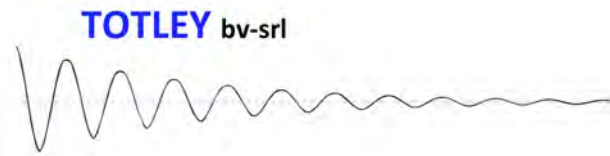
Electronics & Probe IP Rating: ____ IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 308-HR

PT100 Extended Range Temperature Sensor -100°C to +200°C



Supplied with 1.5m 3 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

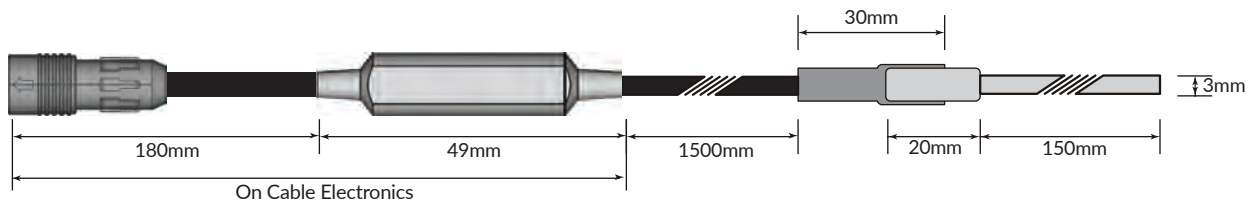
Multipurpose temperature probe to measure temperature in the range of -100°C to +200°C. The sensing element is housed in a 3mm diameter 316L stainless steel tube pot sealed with epoxy resin with a heat shrink sheath.

The FEP cables allows both the sensing element and cable to withstand the full operating temperature.

Common uses: Chilled & Frozen Food | Incubators | -45°C Freezers | -80°C Freezers.

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____ -100°C to 200°C				On Cable Electronics	
Accuracy: _____ @ -100°C	@ 0°C		@ 100°C		Connector IP Rating: _____ IP67
	Standard - ±1.0°C		±1.0°C		Connector: _____ 3 pin male Hirose
	Calibrated - ±0.5°C		±0.5°C		Operating Temperature: _____ -20°C to 55°C
Thermistor: _____ PT1000 Class B				Electronics Sheathing: _____ Technomelt OM678	
Weight: _____ 48g				Electronics & Probe IP Rating: _____ IP68	
Sensor Cable: _____ 1500mm 3 core FEP cable					
Probe Sheathing: _____ 316L grade stainless steel					

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 307-HR

PT1000 Temperature Sensor -45°C to +100°C

Supplied with 4m 3 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

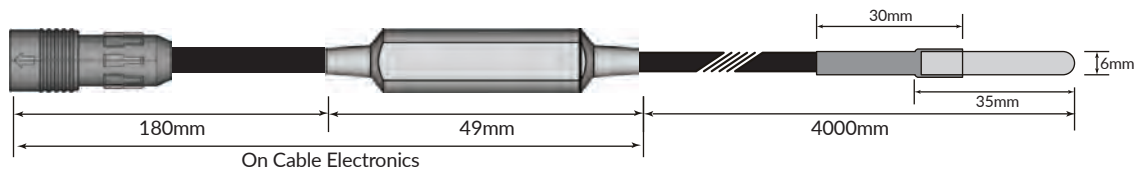
A general purpose temperature probe for measuring air and contact temperature over the range of -45°C to +100°C. A Class B PT100 sensor element is housed within a 6mm 316L stainless steel diameter housing back filled with epoxy with a heat shrink sheath.

The FEP cable allows the cable to flex over its full operating range. Supplied with a 4m cable.

Common uses: Fridges | Freezers | Cold Rooms | Production Areas | Hot & Cold Pipework

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-45°C to 100°C	On Cable Electronics	
Accuracy: _____	Below -20°C -20°C to 70°C 70°C to 100°C	Connector IP Rating: _____	IP67
Standard -	±1.0°C ±0.5°C ±1.2°C	Connector: _____	3 pin male Hirose
Calibrated -	±0.5°C ±0.2°C ±0.5°C	Operating Temperature: _____	-20°C to 55°C
Thermistor: _____	PT1000 Class B	Electronics Sheathing: _____	Technomelt OM678
Weight: _____	80g	Electronics & Probe IP Rating: _____	IP68
Sensor Cable: _____	4000mm 3 core FEP cable		
Probe Sheathing: _____	316L grade stainless steel		

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 306-HR

PT1000 Temperature Sensor -45°C to +100°C

Supplied with 1.5m 3 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

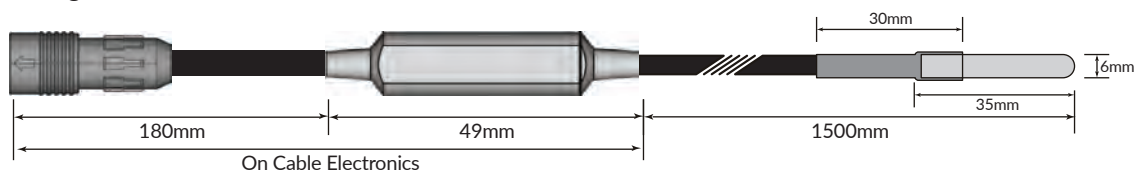
A general purpose temperature probe for measuring air and contact temperature over the range of -45°C to +100°C. A Class B PT100 sensor element is housed within a 6mm 316L stainless steel diameter housing back filled with epoxy with a heat shrink sheath.

The FEP cable allows the cable to flex over its full operating range. Supplied with a 1.5m cable.

Common uses: Fridges | Freezers | Cold Rooms | Production Areas | Hot & Cold Pipework

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-45°C to 100°C	On Cable Electronics	
Accuracy: _____	Below -20°C -20°C to 70°C 70°C to 100°C	Connector IP Rating: _____	IP67
Standard -	±1.0°C ±0.5°C ±1.2°C	Connector: _____	3 pin male Hirose
Calibrated -	±0.5°C ±0.2°C ±0.5°C	Operating Temperature: _____	-20°C to 55°C
Thermistor: _____	PT1000 Class B	Electronics Sheathing: _____	Technomelt OM678
Weight: _____	40g	Electronics & Probe IP Rating: _____	IP68
Sensor Cable: _____	1500mm 3 core FEP cable		
Probe Sheathing: _____	316L grade stainless steel		

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 305-HR

PT100 Surface Temperature

Sensor -20°C to +90°C

Supplied with 1.5m 3 core flat PVC ribbon cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

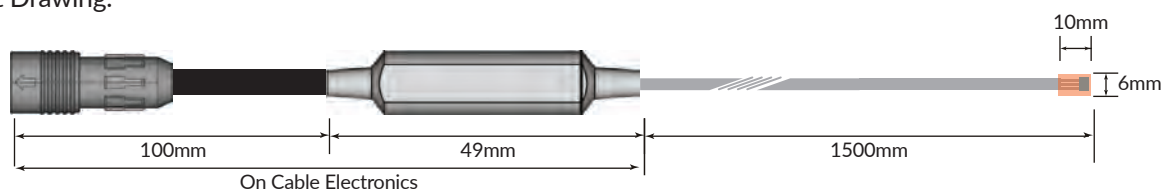
Polyimide insulated surface mount temperature sensor designed to provide a practical method for measuring surface temperatures in the range of -20°C to +90°C. The thin design of the sensing element minimises the effects of having the sensor attached to the surface being measured resulting in a fast thermal response.

The sensor is terminated to 3 wire flexible flat ribbon cable providing easy mount through door seals.

Common uses: Chilled & Hot Surfaces | Hot Plates | Incubators

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range:	-20°C to 90°C	
Accuracy:	-20 to 40°C	40°C to 90°C
Standard -	±0.5°C	±0.8°C
Calibrated -	±0.2°C	±0.3°C
Thermistor:	PT100 Class B	
Weight:	19g	
Sensor Cable:	1500mm 3 core PVC ribbon cable	
Cable Operating Temperature:	-20°C to 90°C	
Probe Sheathing:	Polyimide Film	

On Cable Electronics

Connector IP Rating:	IP67
Connector:	3 pin male Hirose
Operating Temperature:	-20°C to 55°C
Electronics Sheathing:	Technomelt OM678
Electronics & Probe IP Rating:	IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 304-HR

PT100 Ribbon Temperature Sensor -20°C to +90°C

Sensor with 1.5m 3 core flat PVC ribbon cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

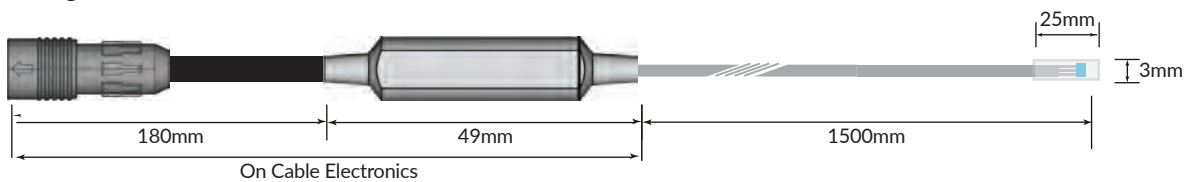
The sensing element is protected with an industrial grade clear heat shrink measuring only 3mm in diameter and can be used in a wide variety of applications. The thin design of the sensing element provides a fast thermal response.

The sensor is terminated to 3 wire flexible flat ribbon cable providing easy mount through door seals.

Common uses: Fridges | Freezers | Incubators

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-20°C to 90°C	On Cable Electronics	
Accuracy: _____	-20 to 40°C 40°C to 90°C		
Standard - _____	±0.5°C ±0.8°C		
Calibrated - _____	±0.2°C ±0.3°C		
Thermistor: _____	PT100 Class B	Connector IP Rating: _____	IP67
Weight: _____	19g	Connector: _____	3 pin male Hirose
Sensor Cable: _____	1500mm 3 core PVC ribbon cable	Operating Temperature: _____	-20°C to 55°C
Cable Operating Temperature: _____	-20°C to 90°C	Electronics Sheathing: _____	Technomelt OM678
Probe Sheathing: _____	Military grade polyolefin	Electronics & Probe IP Rating: _____	IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 303-HR

PT100 High Accuracy Temperature Sensor -30°C to +70°C

Supplied with 1.5M 3 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

A high accuracy probe offering a Class A PT100 sensor element with a rigid stainless steel 3mm diameter sheath, terminated and pot sealed.

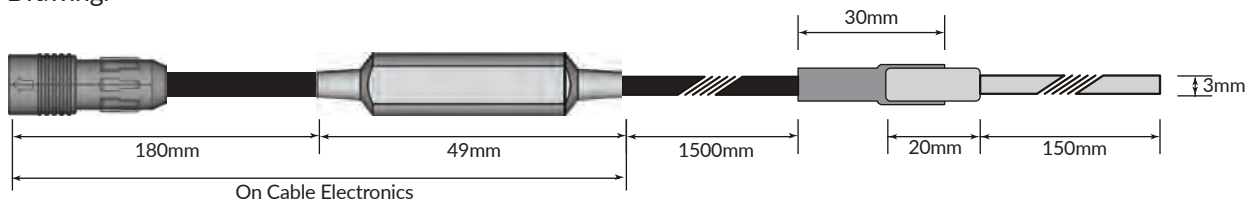
The FEP cable allows both the sensing element and cable to withstand the full operating temperature and remain flexible at low temperatures.

Operating temperature of -30°C to +70°C with an accuracy of 0.1°C and resolution of 0.001°C.

Common uses: Incubators

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: -30°C to 70°C

Accuracy: -30°C to 70°C

Standard - $\pm 0.1^\circ\text{C}$

Calibrated - $\pm 0.1^\circ\text{C}$

Thermistor: PT100 Class A

Weight: 48g

Sensor Cable: 1500mm 3 core FEP cable

Probe Sheathing: 316L grade stainless steel

On Cable Electronics

Connector IP Rating: IP67

Connector: 3 pin male Hirose

Operating Temperature: -20°C to 55°C

Electronics Sheathing: Technomelt OM678

Electronics & Probe IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

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TOTLEY 326-HR

NTC Simulation Probe -50°C to +70°C

Supplied with 1.5m 2 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

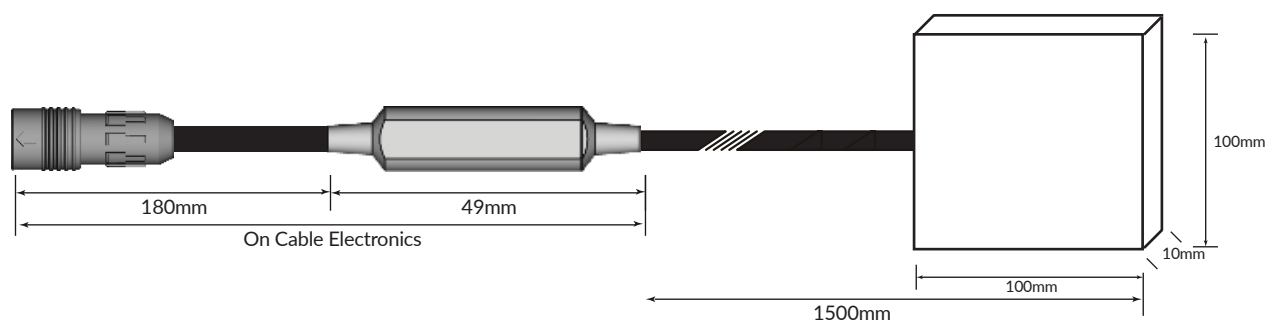
A general purpose simulation temperature probe designed to simulate the core temperature of products within a storage environment. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 100x100x10mm diameter nylon block.

Splash proof design for easy wipe down for hygiene purposes.

The FEP cable can withstand the full temperature range and can be flexed at low temperatures.

Common uses: Fridges | Cold Rooms | Freezers

Product Drawing:



Technical Specifications:

Temperature Range: _____ -50°C to 70°C

Accuracy: _____ Below -30° | -30°C to 70°C

Standard - ±0.8°C | ±0.5°C

Thermistor: _____ NTC 5K R/T curve 8016/A01

Weight: _____ 140g

Sensor Cable: _____ 1500mm 2 core FEP cable

Probe Sheathing: _____ White Nylon

Time Response: _____ 20 minutes (96% of value in water)

On Cable Electronics

Connector IP Rating: _____ IP67
Connector: _____ 3 pin male Hirose
Operating Temperature: _____ -20°C to 55°C
Electronics Sheathing: _____ Technomelt OM678
Electronics & Probe IP Rating: _____ IP68



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Dynamic traceable calibration of sound and vibration instrumentation and transducers, Consulting, Management, Engineering and Total Solutions provider in Electronic Instrumentation

TOTLEY 328-HR

PT1000 Needle Stab Probe 150x3mm

Supplied with 2m 2 core FEP quality cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

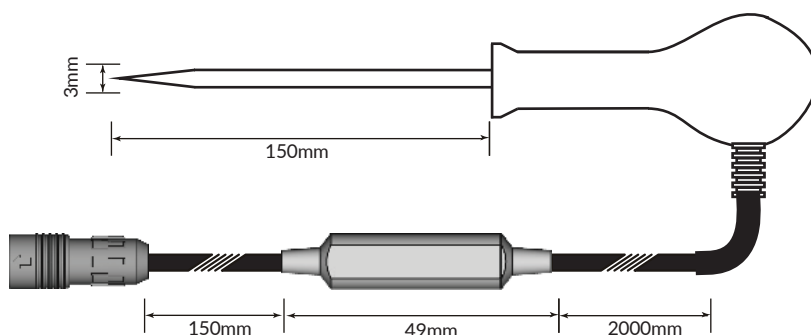
A general purpose stab temperature probe designed to penetrate to the core temperature of foods/products within a storage environment. The PT1000 offers excellent stability and low drift over the lifetime of the sensor.

The stab probe is of waterproof design for easy wipe down/cleaning for hygiene purposes.

The FEP cable can withstand the full temperature range and can be flexed at low temperatures.

Common uses within: Freezers | Fridges | Cold Rooms | Production Areas

Product Drawing:

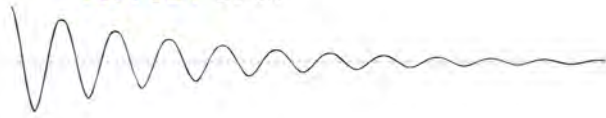


Technical Specifications:

Temperature Range: _____ -45°C to 100°C	On Cable Electronics	
Accuracy: _____ Below -20°C -20°C to 70°C 70°C to 100°C	Connector IP Rating: _____ IP67	
Standard - ±0.5°C ±0.5°C ±0.5°C	Connector: _____ 3 pin male Hirose	
Calibrated - ±0.3°C ±0.2°C ±0.3°C	Operating Temperature: _____ -20°C to 55°C	
Thermistor: _____ PT1000 Class A	Electronics Sheathing: _____ Technomelt OM678	
Weight: _____ 125g	Electronics & Probe IP Rating: _____ IP68	
Sensor Cable: _____ 2000mm 2 core FEP cable		
Probe Sheathing: _____ 316L grade stainless steel		



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TOTLEY 327-HR

PT1000 Needle Stab Probe 150x6mm

Supplied with 2m 2 core FEP quality cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

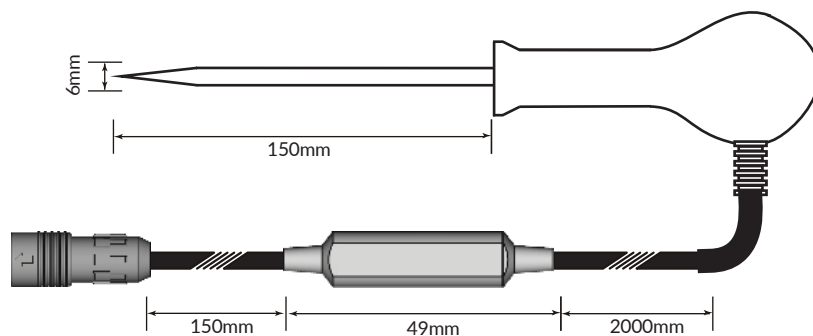
A robust multi-purpose stab temperature probe designed to penetrate to the core temperature of foods/products within a frozen storage environment. The PT1000 offers excellent stability and low drift over the lifetime of the sensor.

The stab probe is of waterproof design for easy wipe down/cleaning for hygiene purposes.

The FEP cable can withstand the full temperature range and can be flexed at low temperatures.

Common uses within: Freezers | Fridges | Cold Rooms | Production Areas

Product Drawing:



Technical Specifications:

Temperature Range: _____ -45°C to 100°C

Accuracy:	Below -20°C	-20°C to 70°C	70°C to 100°C
Standard -	±0.5°C	±0.5°C	±0.5°C
Calibrated -	±0.3°C	±0.2°C	±0.3°C

Thermistor: _____ PT1000 Class A

Weight: _____ 125g

Sensor Cable: _____ 2000mm 2 core FEP cable

Probe Sheathing: _____ 316L grade stainless steel

On Cable Electronics

Connector IP Rating: _____ IP67

Connector: _____ 3 pin male Hirose

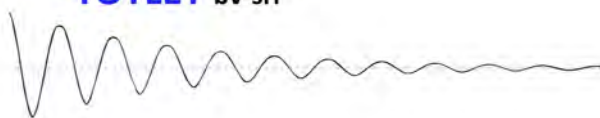
Operating Temperature: _____ -20°C to 55°C

Electronics Sheathing: _____ Technomelt OM678

Electronics & Probe IP Rating: _____ IP68



TOTLEY bv-srl



TOTLEY 10148

NTC Temperature Sensor -50°C to +70°C

Supplied with 180mm 2 core arctic quality cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

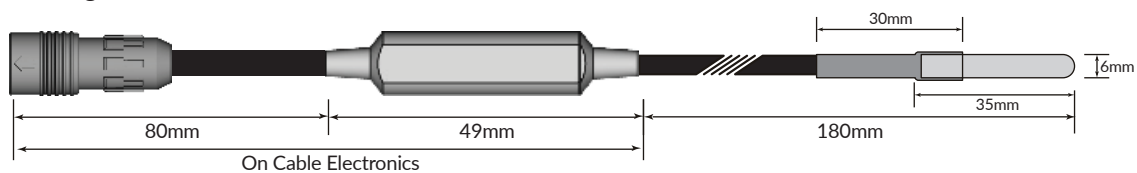
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath.

The arctic cable can withstand the full temperature range but should not be flexed at low temperatures – See P3-DS301/2 for alternatives.

Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____ -50°C to 70°C

Accuracy: _____ Below -30° | -30°C to 70°C
Standard - ±0.8°C | ±0.5°C
Calibrated - ±0.5°C | ±0.2°C

Thermistor: _____ NTC 5K R/T curve 8016/A01

Weight: _____ 40g

Sensor Cable: _____ 180mm 2 core arctic quality cable

Probe Sheathing: _____ 316L grade stainless steel

On Cable Electronics

Connector IP Rating: _____ IP67

Connector: _____ 3 pin male Hirose

Operating Temperature: _____ -20°C to 55°C

Electronics Sheathing: _____ Technomelt OM678

Electronics & Probe IP Rating: _____ IP68



TOTLEY 321-HR

NTC Temperature Sensor -50°C to +70°C

Supplied with 4m 2 core arctic quality cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

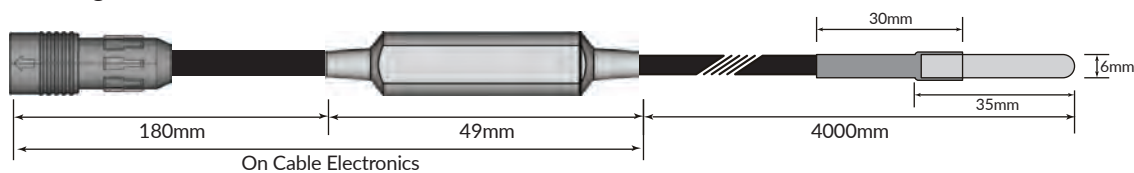
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath.

The arctic cable can withstand the full temperature range but should not be flexed at low temperatures – See P3-DS301/2 for alternatives.

Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-50°C to 70°C	On Cable Electronics
Accuracy: _____	Below -30° -30°C to 70°C	
	Standard - ±0.8°C ±0.5°C	
	Calibrated - ±0.5°C ±0.2°C	
Thermistor: _____	NTC 5K R/T curve 8016/A01	Connector IP Rating: _____ IP67
Weight: _____	80g	Connector: _____ 3 pin male Hirose
Sensor Cable: _____	4000mm 2 core arctic quality cable	Operating Temperature: _____ -20°C to 55°C
Probe Sheathing: _____	316L grade stainless steel	Electronics Sheathing: _____ Technomelt OM678
		Electronics & Probe IP Rating: _____ IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 302-HR

NTC Temperature Sensor -50°C to +70°C

Supplied with 4m 2 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

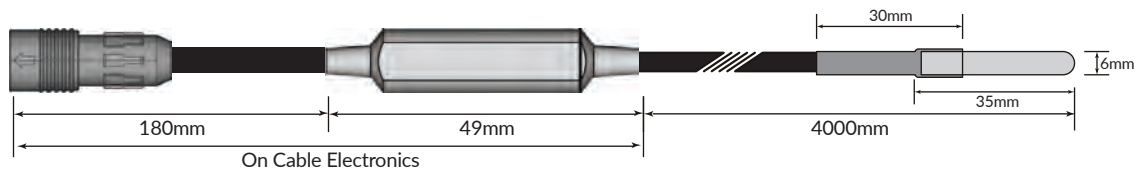
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C.

The sensor utilises a NTC thermistor which offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath. The FEP cable allows the cable to flex over its full operating range. The probe is supplied with a 4m cable.

Common uses: Fridges | Freezers | Cold Rooms | Production Areas | Chilled & Cold Pipework

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range:	-50°C to 70°C	
Accuracy:	Below -30°	-30°C to 70°C
	Standard -	±0.8°C ±0.5°C
	Calibrated -	±0.5°C ±0.2°C
Thermistor:	NTC 5K R/T curve 8016/A01	
Weight:	80g	
Sensor Cable:	4000mm 2 core FEP cable	
Probe Sheathing:	316L grade stainless steel	

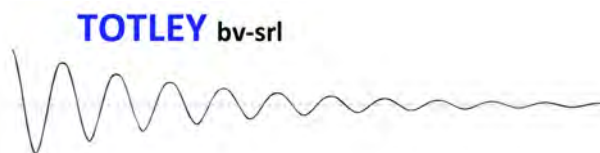
On Cable Electronics

Connector IP Rating:	IP67
Connector:	3 pin male Hirose
Operating Temperature:	-20°C to 55°C
Electronics Sheathing:	Technomelt OM678
Electronics & Probe IP Rating:	IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

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Dynamic traceable calibration of sound and vibration instrumentation and transducers, Consulting, Management, Engineering and Total Solutions provider in Electronic Instrumentation

TOTLEY 320-HR

NTC Temperature Sensor -50°C to +70°C

Supplied with 1.5m 2 core arctic quality cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housi

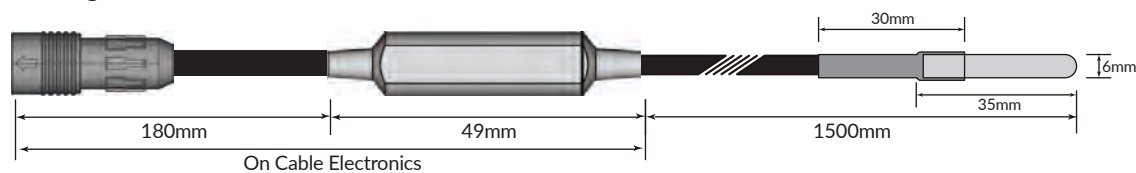
back filled with epoxy with a heat shrink sheath.

The arctic cable can withstand the full temperature range but should not be flexed at low temperatures – See P3-DS301/2 for alternatives.

Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-50°C to 70°C	On Cable Electronics
Accuracy: _____	Below -30° -30°C to 70°C	
Standard -	±0.8°C ±0.5°C	
Calibrated -	±0.5°C ±0.2°C	Connector IP Rating: _____ IP67
Thermistor: _____	NTC 5K R/T curve 8016/A01	Connector: _____ 3 pin male Hirose
Weight: _____	40g	Operating Temperature: _____ -20°C to 55°C
Sensor Cable: _____	1500mm 2 core arctic quality cable	Electronics Sheathing: _____ Technomelt OM678
Probe Sheathing: _____	316L grade stainless steel	Electronics & Probe IP Rating: _____ IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 301-HR

NTC Temperature Sensor -50°C to +70°C

Supplied with 1.5m 2 core FEP cable

For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

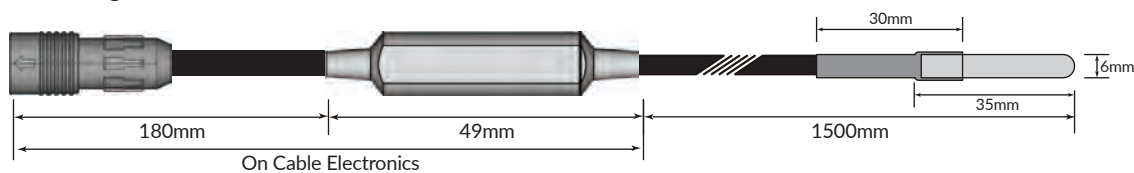
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C.

The sensor utilises a NTC thermistor which offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath. The FEP cable allows the cable to flex over its full operating range. The probe is supplied with a 1.5m cable.

Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

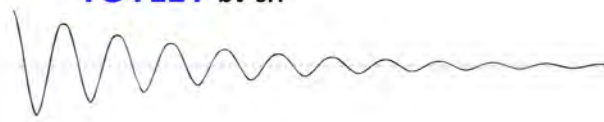
Temperature Range:	_____ -50°C to 70°C		On Cable Electronics Connector IP Rating:_____ IP67 Connector: _____ 3 pin male Hirose Operating Temperature: _____ -20°C to 55°C Electronics Sheathing: _____ Technomelt OM678 Electronics & Probe IP Rating: ____ IP68
Accuracy:	_____ Below -30°	_____ -30°C to 70°C	
	Standard -	±0.8°C ±0.5°C	
	Calibrated -	±0.5°C ±0.2°C	
Thermistor:	_____ NTC 5K R/T curve 8016/A01		
Weight:	_____ 40g		
Sensor Cable:	_____ 1500mm 2 core FEP cable		
Probe Sheathing:	_____ 316L grade stainless steel		

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 311-HR

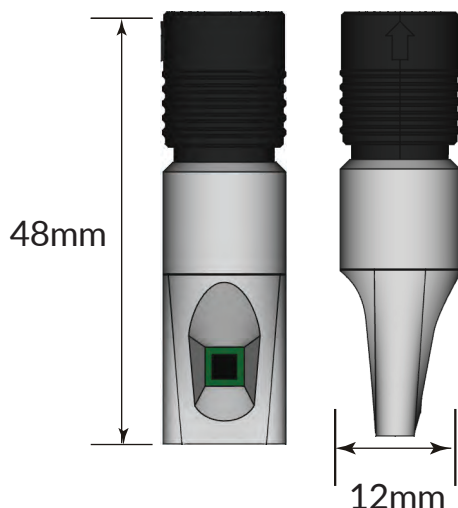
%RH Humidity Sensor - Stub Mount



For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Product Drawing:



A general purpose humidity sensor which is designed to accurately and reliably measure relative humidity.

It shows best performance when operated over the temperature and humidity range of 20%RH to 80%RH and 5°C to 55°C respectively.

Common uses:

Museums | Medical Stores | Warehouses |
Production Areas

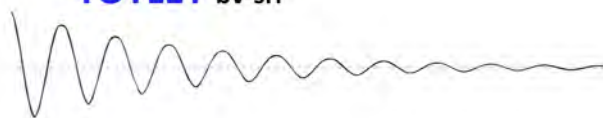
This product can be supplied with a calibration certificate.

Technical Specifications:

Humidity Range: _____ 5%RH to 95%RH			
Temperature Range: _____ -20°C to 55°C			
Accuracy @23°C: _____ 0 to 25%RH	25 to 75%RH	75 to 95%RH	
Standard - ±3.0%RH	±3.0%RH	±4.0%RH	
Calibrated - ±1.5%RH	±2.7%RH	±2.9%RH	
Weight: _____ 6g			
On-Board Electronics			
Connector IP Rating: _____		IP67	
Connector: _____		3 pin male Hirose	
Operating Temperature: _____		-20°C to 55°C	
Electronics Sheathing: _____		Technomelt OM678	
Electronics IP Rating: _____		RH sensor should not be used in applications greater than 95%RH, nor immersed in liquid	

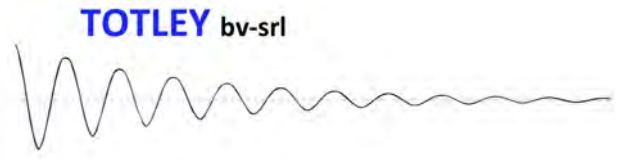
Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)



TOTLEY 318-HR

Pulse Counting Sensor



For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard pulsed output meter with a standard pulse length of 100ms.

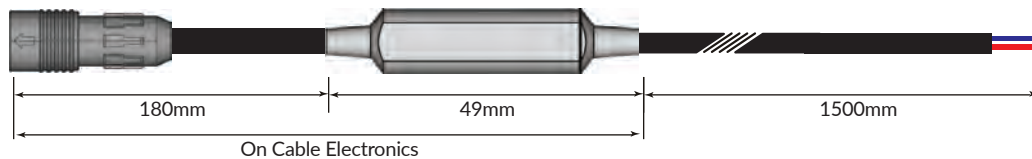
The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Commonly uses:

Measurement energy consumption.

Measurement of liquids and gases flow.

Product Drawing:



Technical Specifications:

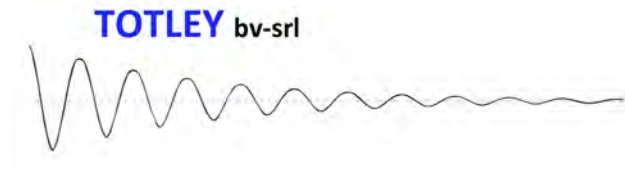
		On Cable Electronics
Input Range:	External volt free signal contact	Connector IP Rating: IP67
Pulse Length:	Min >50ms	Connector: 3 pin male Hirose
Pulse Interval:	Min >50ms	Operating Temperature: -20°C to 55°C
Weight:	38g	Electronics Sheathing: Technomelt OM678
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 314-HR

0-2V Voltage Sensor

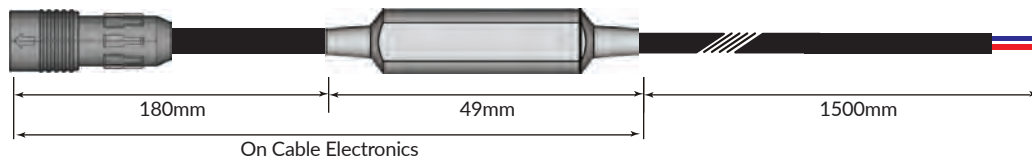


For use with the wireless base stations
Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device that generates an active output Voltage 0-2V. The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Common uses: Pressure | Temperature | Concentration | Light | CO²

Product Drawing:



Technical Specifications:

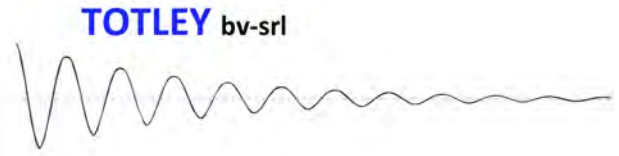
		On Cable Electronics
Input Range:	0 - 2V	Connector IP Rating: IP67
Accuracy:	±1% over full scale	Connector: 3 pin male Hirose
Resolution:	1uV	Operating Temperature: -20°C to 55°C
Weight:	38g	Electronics Sheathing: Technomelt OM678
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 312-HR

4-20mA Current Sensor



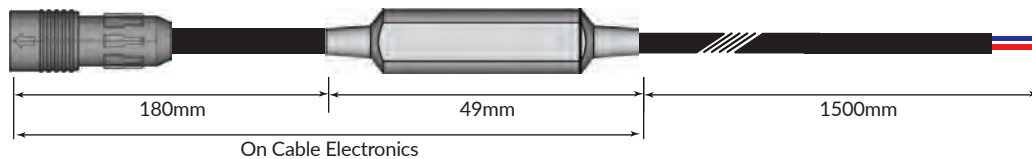
For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device that generates an active output current of 4-20mA. The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Common uses: Pressure | Temperature | Concentration | Light | CO²

Product Drawing:



Technical Specifications:

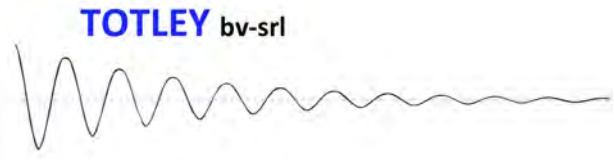
		On Cable Electronics
Input Range:	1 - 24mA	Connector IP Rating: IP67
Accuracy:	±1% over full scale	Connector: 3 pin male Hirose
Resolution:	0.001mA	Operating Temperature: -20°C to 55°C
Weight:	38g	Electronics Sheathing: Technomelt OM678
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 316-HR

0-10V Voltage Sensor



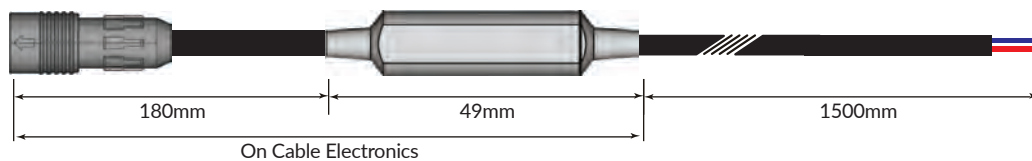
For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device that generates an active output Voltage 0-10V. The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Common uses: Pressure | Temperature | Concentration | Light | CO²

Product Drawing:



Technical Specifications:

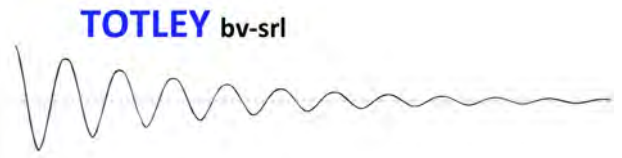
		On Cable Electronics
Input Range:	0 - 10V	Connector IP Rating: IP67
Accuracy:	±1% over full scale	Connector: 3 pin male Hirose
Resolution:	1uV	Operating Temperature: -20°C to 55°C
Weight:	??g	Electronics Sheathing: Technomelt OM678
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 315-HR

0-5V Voltage Sensor

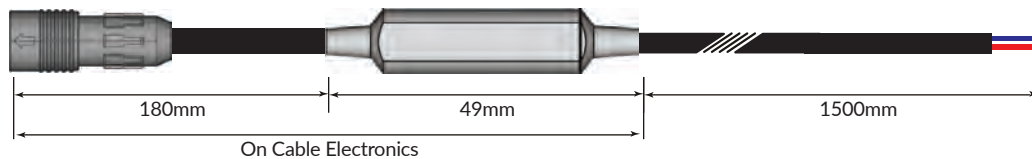


For use with the wireless base stations
Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device that generates an active output Voltage 0-5V. The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Common uses: Pressure | Temperature | Concentration | Light | CO²

Product Drawing:



Technical Specifications:

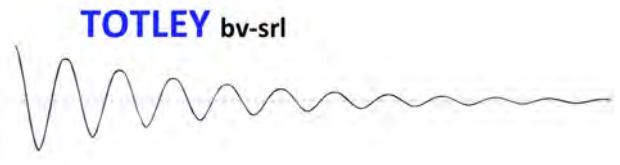
		On Cable Electronics
Input Range:	0 - 5V	Connector IP Rating: IP67
Accuracy:	±1% over full scale	Connector: 3 pin male Hirose
Resolution:	1uV	Operating Temperature: -20°C to 55°C
Weight:	38g	Electronics Sheathing: Technomelt OM678
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 313-HR

0-200mV Voltage Sensor

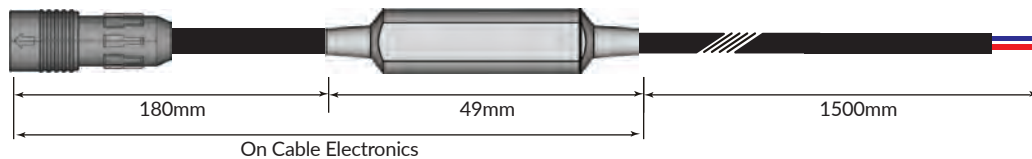


For use with the wireless base stations
Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device that generates an active output voltage of 0-200mV. The signal can then be converted via a user custom table to a measured value for monitoring and alarm purposes.

Common uses: Pressure | Temperature | Concentration | Light | CO²

Product Drawing:



Technical Specifications:

Input Range:	0 - 200mV
Accuracy:	±1% over full scale
Resolution:	1uV
Weight:	38g
Sensor Cable:	1500mm 2 Core Arctic Cable

On Cable Electronics

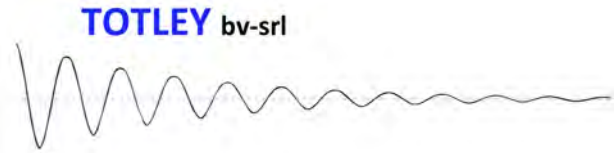
Connector IP Rating:	IP67
Connector:	3 pin male Hirose
Operating Temperature:	-20°C to 55°C
Electronics Sheathing:	Technomelt OM678
Electronics IP Rating:	IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

TOTLEY 319-HR

Digital Input/Counting Sensor



For use with the wireless base stations

Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

Connects to any industry standard device with a volt free digital output for measuring status of plant and machinery. In addition to status the sensor also counts the number of contacts.

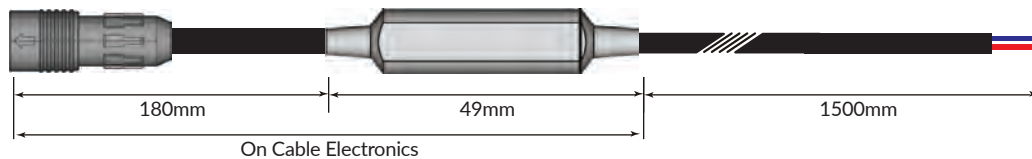
Common uses:

Door monitoring providing both the status and number of occurrences.

Plant status monitoring.

Flood detection systems.

Product Drawing:



Technical Specifications:

		On Cable Electronics
Input Range:	Single volt free input	Connector IP Rating: IP67
Min Pulse Width Period:	2 Seconds	Connector: 3 pin male Hirose
Weight:	38g	Operating Temperature: -20°C to 55°C
Sensor Cable:	1500mm 2 Core Arctic Cable	Electronics Sheathing: Technomelt OM678
		Electronics IP Rating: IP68

Compatible Wireless Transmitters

Part No.	Description
Totley 102-0433	- Single Input Wireless Transmitter with Hirose Connector (433Mhz)
Totley 103-0433	- Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
Totley 102-2400	- Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
Totley 103-2400	- Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)