

Hydronix

Fast Response, Linear Temperature Sensor
for Concrete Mixers and Aggregate Bins

Thermo-Tuff



THE ORIGINAL – THE LEADERS – THE BEST

Temperature Measurement

The Thermo-Tuff is a high precision, fast response, linear temperature sensor. It has been designed to be used in the harshest of process control environments such as concrete mixers and aggregate bins.

The sensing element of the Thermo-Tuff is thermally isolated and in direct contact with the material being measured. This enables the sensor to achieve an industry leading response time.

Technical Information

Construction

Body: Stainless Steel.

Sensing Head: Hardened Steel.

Fixing

Bins and Silos: Install in the wall of the bin using the Extension Mounting Sleeve and Collar.

Mixers: Install in the floor of the mixer using the Standard Mounting Collar.

Measurement Range

0-80 degrees C.

Response Time

Time to 90% (T90): Industry leading 56 seconds.

Power Supply

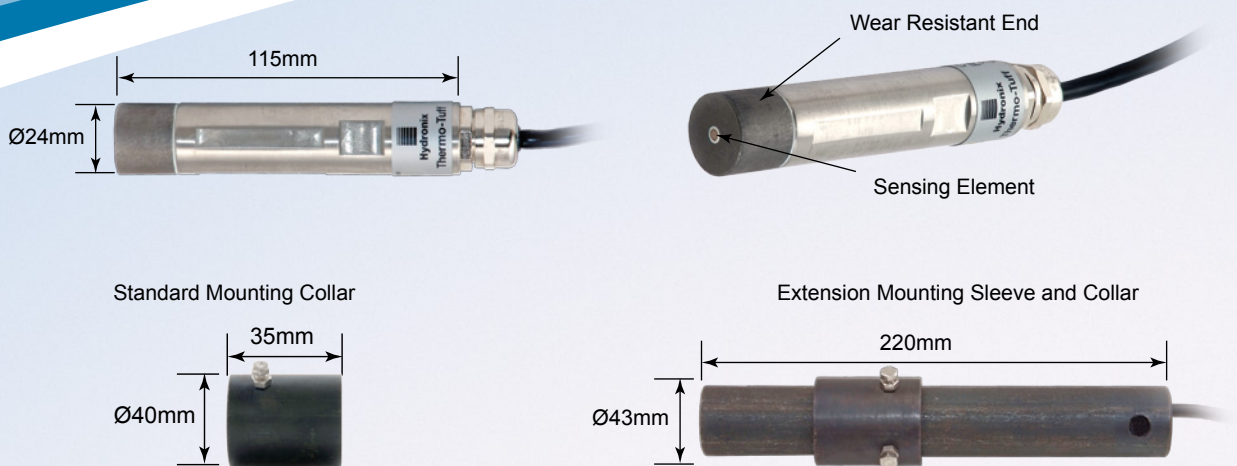
The sensor is powered by the 4-20mA current loop.

Analogue Output

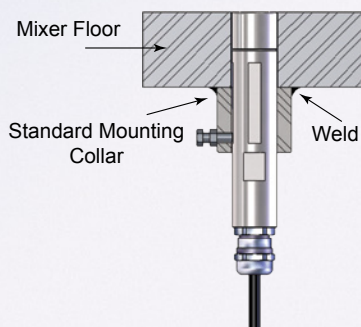
Continuous 4-20mA signal, scaled to read between 0 and 80 degrees C.

Cable

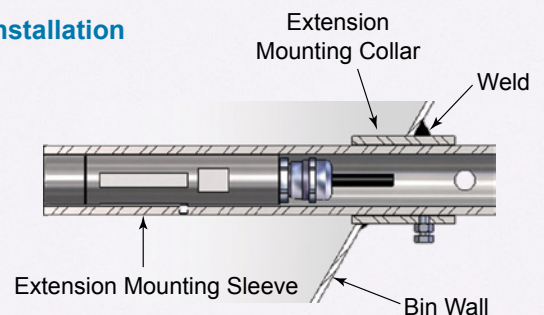
Supplied with 4 metre two core screened cable.



Mixer Installation



Bin Installation



Hydronix

Head Office - United Kingdom:

Tel: +44 (0)1483 468900

Fax: +44 (0)1483 468919

Email: enquiries@hydronix.com

Central Europe & Southern Africa:

Tel: + 49 2563 4858

France:

Tel: + 33 (0) 652 04 89 04

America, Spain & Portugal:

Tel: 888-887-4884 (toll free)

or +1 231-439-5000

Part Number

Description

TT01

Thermo-Tuff Sensor

0310

Standard Mounting Collar

0320

Extension Mounting Sleeve and Collar

www.hydronix.com