

ifm electronic



The temperature transmitter that shows its abilities

Temperature sensors
www.ifm.com/gb/td





**For hygienic
and wet areas**

First temperature transmitter with display and IO-Link

Informative:

Bright 4-digit LED display for optimum readability.

Flexible:

Connection as 2 or 3-wire unit with a 4...20 mA analogue output.

Precise:

Fast response time $T_{05/09} = 1/3$ s.

Simple:

Preset measuring ranges, configurable between $-50...150$ °C via IO-Link.

Suitable:

Selection of different process connections and probe lengths of 30...250 mm.

Hygienic and robust:

High-grade stainless steel housing (316L/1.4404), protection rating IP 69K and 3A approval.

Low-cost:

Same price level as transmitter without display.



Compact temperature measurement.

With its small diameter and low profile for ease of installation the TD transmitter ensures an efficient thermal decoupling.

This protects the electronics without affecting the mechanical stability.





In hygienic design for the food industry

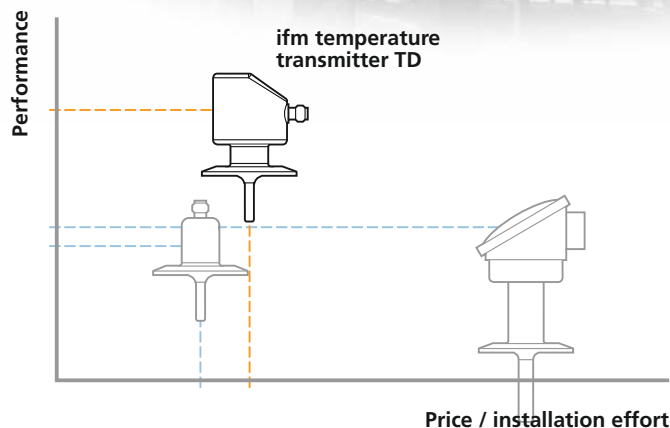


Precise process monitoring.

*Example heat exchanger:
The temperature measurement of heat exchanger fluids is critical in process applications. The TD transmitter is an ideal solution for the precise monitoring of process fluids. The 3A-certified one-piece design provides maximum reliability in hygienic applications.*

Unique price / performance ratio.

Although the transmitter with local temperature display provides a plus in performance, its price is on the level of conventional transmitters without display.



Easy parameter setting with the LINERECORDER SENSOR.

The LINERECORDER SENSOR software simplifies parameter setting and monitoring of different sensors. Using this software, every IO-Link sensor can be configured in a uniform way.

Temperature transmitter for use in the harsh operating conditions of the food industry.

The completely sealed housing with IP 69K prevents the penetration of moisture and withstands even high-pressure cleaning without problem.

Nom. length [mm]	Order no.	Nom. length [mm]	Order no.
Process connection 1.5" Tri-clamp®		Process connection G 1/2 hygienic	
30	TD2807	30	TD2507
50	TD2817	50	TD2517
100	TD2837	100	TD2537
150	TD2847	150	TD2547
Process connection 2" Tri-clamp®		Process connection Ø 6 mm	
30	TD2907	50	TD2217
50	TD2917	100	TD2237
100	TD2937	150	TD2247
150	TD2947	250	TD2267

Factory setting 0...100 °C, measuring range -50...150 °C, More factory settings in preparation

For more information, such as technical data, application videos or prices please go to

www.ifm.com/gb/td



Visit our website:

www.ifm.com

Over 70 locations worldwide –
at a glance at www.ifm.com

ifm electronic gmbh
Friedrichstraße 1
45128 Essen
Tel. +49 / 201 / 24 22-0
Fax +49 / 201 / 24 22-1200
E-mail info@ifm.com



ifm electronic – close to you!

Overview
ifm product range:



Position sensors



**Sensors for
motion control**



Industrial imaging



Safety technology



Process sensors



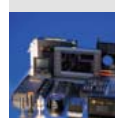
**Industrial
communication**



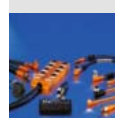
Identification systems



**Condition monitoring
systems**



**Systems for
mobile machines**



**Connection
technology**



Accessories