



TTF300

Field-mount temperature transmitter

Precise temperature measurement is fundamental for successful process operations in a variety of industries. Customers benefit from ABB's extensive experience in the field of temperature measurement, yielding one of the most comprehensive product portfolios on the market. ABB provides the support needed to choose the device or system that perfectly suits your process requirements.

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TTF300 Field Mounted Temperature Transmitter

In certain process conditions it is not possible to install head mounted transmitters directly on top of temperature sensors. Excessively high or low temperatures would influence the life time of the electronics. Vibrations or placement close to an electromagnetic source can change measurements significantly. In other installations it is not possible to see the display or easily reach the transmitter for further configuration.

ABB's TTF300 field mounted temperature transmitters are the cost-effective solution to this challenge.



TTF300 Temperature Transmitter

Part Number	Model Code
TTF300-001	TTF300.L1.C.2.H.BS...K2
Model Breakdown	
L1	FM Intrinsic Safety (IS): Class I, Div. 1+2 Groups A, B, C, D, Class I, Zone 0, AEx ia IIC T6
C	Single-compartment housing (Aluminium) LCD-display HMI with Navigation Buttons
2	Thread 2 x 1/2 in NPT
H	HART®, programmable, output signal 4 to 20 mA
BS	Standard configuration
K2	Wall or 2 in pipe mounting bracket (stainless steel)

(other options available upon request)

RTD Probe Assembly Options

(High Temp RTD solutions are available upon request)

Part Number	Cable Length	Material Makeup
2011905-011	15 foot	Stainless steel, Armored
2011905-012	25 foot	Stainless steel, Armored
2011905-013	30 foot	Stainless steel, Armored
2011905-014	40 foot	Stainless steel, Armored
2011905-015	50 foot	Stainless steel, Armored
2011905-016	10 foot	Stainless steel, Armored
2011905-021	15 foot	Stainless steel, Braided
2011905-022	25 foot	Stainless steel, Braided
2011905-023	30 foot	Stainless steel, Braided
2011905-024	40 foot	Stainless steel, Braided
2011905-025	50 foot	Stainless steel, Braided
2011905-026	10 foot	Stainless steel, Braided

Thermowell Options

Part Number	NPT	U Length	Material Makeup
1622300-020	3/4 inch	2 inches	stainless steel
1622300-030	3/4 inch	3 inches	stainless steel
1622300-040	3/4 inch	4 inches	stainless steel
1622300-060	3/4 inch	6 inches	stainless steel
1622300-080	3/4 inch	8 inches	stainless steel

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