

Temperature Transmitters

FEATURES

- 1 or 2 Sensor inputs
- 4 to 20 mA output
- Models with HART Protocol
- FM or ATEX Intrinsic Safety Approvals Available
- Installed in S01, S10, S50 & S70 probes
- Programming to customer requirements
- Calibration Certificates Available

DESCRIPTION

Ashcroft offers temperature transmitters from industry leading manufacturers that can be installed and programmed in the heads of S10, S50 and S70 temperature probes and on S01 temperature inserts. Head mount transmitters are for DIN form B mounting. Remote head style transmitters with display are also available.

Transmitters are available with FM or ATEX intrinsically safe approvals. When used in intrinsically safe (IS) applications the transmitter's IS approval is used rather than the probe's IS approval since the wiring from the hazardous area to the nonhazardous area is done from the transmitter.



TTH200



TTF300

Temperature Transmitters

ORDERING CODE	Example:	5337D	-	P1	K	22	4=40F	20=300F	-C4
Transmitter Type - ABB Measurement & Analytics									
TTH200E - TTH200, 1 input, 4 to 20 mA with HART output, ATEX IS Approval									
TTH200L - TTH200, 1 input, 4 to 20 mA with HART output, FM IS Approval									
TTH300E - TTH300, 2 input, 4 to 20 mA with HART output, ATEX IS Approval									
TTH300L - TTH300, 2 input, 4 to 20 mA with HART output, FM IS Approval									
TTF300E - TTF300, 2 input, 4 to 20 mA with HART output, ATEX IS Approval and display									
TTF300L - TTF300, 2 input, 4 to 20 mA with HART output, FM IS Approval and display									
- PR Electronics									
5331A - 5331A 1 input, 4 to 20 mA output									
5331D - 5331D 1 input, 4 to 20 mA output, with FM IS Approval									
5337A - 5337A 1 input, 4 to 20 mA with HART output									
5337D - 5337D 1 input, 4 to 20 mA with HART output, with FM IS Approval		5337D							
-									
Programming									
NP - Not Programmed									
P1 - Programmed with 1 sensor Input				P1					
P2 - Programmed with 2 sensors Input									
Sensor Type									
0 - Not Programmed - No Sensor specified									
2 - RTD - 2 wire									
3 - RTD - 3 wire									
4 - RTD - 4 wire									
K - Thermocouple Type K					K				
J - Thermocouple Type J									
N - Thermocouple Type N									
T - Thermocouple Type T									
E - Thermocouple Type E									
R - Thermocouple Type R									
S - Thermocouple Type S									
B - Thermocouple Type B									
Error Signal									
22 - High Alarm value 22 mA						22			
35 - Low Alarm value 3.5 mA									
Min Temperature Range									
4=xxxxC - Minimum temperature range in °C (C=-270 to 1820)									
4=xxxxF - Minimum temperature range in °F (C=-454 to 3272)							4=40F		
Max Temperature Range									
20=xxxxC - Maximum temperature range in °C (C=-270 to 1820)									
20=xxxxF - Maximum temperature range in °F (C=-454 to 3272)								20=300F	
Options - Must add "-" before the first option									
C4 - 3 point Calibration Certificate taken at Minimum, Mid and Maximum range									C4
Consult factory for additional models, features or options									