

OUTPUT (continued)**Protocol-specific data**

Manufacturer ID	181 (0xB5)
Device type ID	0xB583
HART®-specification	7
Device address in multi-drop mode	Software setting addresses 0 to 63
Device description files (DTM,DD)	Information and files available at: www.fieldcommgroup.org
HART load	min. 250 Ω

Wireless HART data

Minimum starting voltage	10 V
Start-up current	3.58 mA
Starting time	7 s
Minimum operating voltage	10 V _{DC}
Multidrop current	4.0 mA
Time for connection setup	9 s

ACCURACY**Resistance thermometers (RTD) as per standard**

STANDARD	DESIGNATION	MEASURING RANGE	TYPICAL MEASURED ERROR ($\pm$)
			Value at current output
IEC 60751	Pt100	(0 to 200) °C [32 to 392] °F	(0.10) °C [0.18] °F
	Pt1000		(0.08) °C [0.14] °F
JIS C1604:1984	Pt100		(0.10) °C [0.18] °F
Resistance Ω	10 to 400 Ω	(10 to 200) Ω	(0.06) Ω
	10 to 2000 Ω	(10 to 1000) Ω	(0.32) Ω

Thermocouples (TC) as per standard

STANDARD	DESIGNATION	MEASURING RANGE	TYPICAL MEASURED ERROR ($\pm$)
			Value at current output
IEC 60584-1 ASTM E230-2003	Type B	(0 to 800) °C [32 to 1472] °F	(1.61) °C [2.9] °F
	Type E		(0.34) °C [0.61] °F
	Type J		(0.39) °C [0.70] °F
	Type K		(0.51) °C [0.92] °F
	Type N		(0.62) °C [1.12] °F
	Type R		(1.43) °C [2.57] °F
	Type S		(1.45) °C [2.61] °F
	Type T	(0 to 300) °C [32 to 572] °F	(0.33) °C [0.59] °F
Voltage (mV)	-20 to 100 mV	(0 to 50) mV	25 μ V

HART® is a registered trademark of HART Communication Foundation

