

Miniature resistance thermometer with welded flange connection

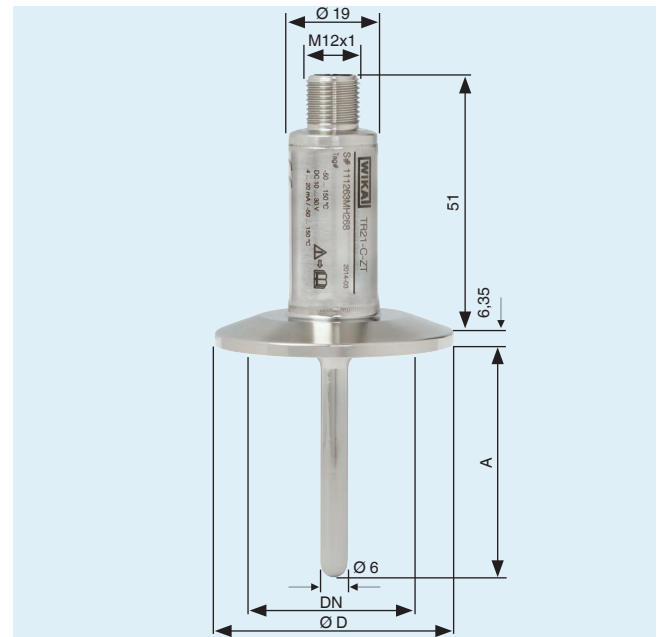
05/2017

Applications

- Sanitary applications
- Food and beverage industry
- Pharmaceutical industry, production of active ingredients
- Biotechnology and Life-Science-Engineering
- Creamery, brewery

Special features

- Compact design for space-saving fitting
- Simple and fast electrical connection via M12 x 1 plug connector
- With direct sensor output (Pt100/Pt1000 in 3 or 4-wire version) or integrated transmitter with 4 ... 20 mA output signal, individually parameterisable with free-of-charge WIKAsoft-TT PC configuration software
- Materials and surface finish quality in accordance with standards of hygienic design



Order numbers

Ex approvals	without		
Output signal	4 ... 20 mA, 2-wire		
Process temperature	-30 ... +150 °C		
Transmitter configuration	-30 ... +150 °C		
Electrical connection	Circular connector M12 x 1 (4-pin)		
Thermowell diameter	6 mm		
Material wetted parts	Stainless steel 1.4435 (316L) UNS S31603, R _a ≤ 0.76 µm		
Insertion length [U ₁]	50 mm	100 mm	150 mm
Tri-Clamp 1"	14025702	14057357	14057359
VARIVENT® connection Form N	14025703	14057360	14057361
DIN 11851 with conical coupling DN 40	14025710	14057366	14057368

Legend: available from stock in Germany available within two weeks ---- not available

Quick order code (you can find further possible variants in data sheet TE 60.28)

Field no.	Code	Version
Process connection Size / Design		
①	C1A	Clamp DIN 32676 DN 10 ... 20 for pipes per DIN 11866 row A
	C1B	Clamp DIN 32676 DN 25 ... 40 for pipes per DIN 11866 row A
	C1C	Clamp DIN 32676 DN 50 for pipes per DIN 11866 row A
	C2E	Clamp DIN 32676 DN 13,5 ... 17,2 for pipes per DIN 11866 row B
	C2F	Clamp DIN 32676 DN 21,3 ... 33,7 for pipes per DIN 11866 row B
	C2G	Clamp DIN 32676 DN 42,4 ... 48,3 for pipes per DIN 11866 row B
	C3A	Clamp DIN 32676 DN 1/2" ... 3/4" for pipes per DIN 11866 row C
	C3B	Clamp DIN 32676 DN 1" ... 1 1/2" for pipes per DIN 11866 row C
	C3C	Clamp DIN 32676 DN 2" for pipes per DIN 11866 row C
	I2B	Clamp ISO 2852 DN 12 ... 21,3 for pipes per ISO 2037
	I2C	Clamp ISO 2852 DN 25 ... 38 for pipes per ISO 2037
	I2D	Clamp ISO 2852 DN 40 ... 51 for pipes per ISO 2037
	T3A	TRI-Clamp DN 1/2" for pipes per ASME BPE
	T3B	TRI-Clamp DN 3/4" for pipes per ASME BPE
	T3C	TRI-Clamp DN 1" for pipes per ASME BPE
	T3D	TRI-Clamp DN 1 1/2" for pipes per ASME BPE
	T3E	TRI-Clamp DN 2" for pipes per ASME BPE
	V4A	VARIVENT® Form B, DN 10, DN 15
	V4B	VARIVENT® Form F, DN 25
	V4C	VARIVENT® Form N, DN 40
	B5A	BioControl® size 25, mounting diameter 30,5 mm
	B5B	BioControl® size 50, mounting diameter 50,0 mm
	B5C	BioControl® size 65, mounting diameter 68,0 mm
	U6A	Union nut DIN 11851 conical coupling DN 20
	U6B	Union nut DIN 11851 conical coupling DN 25
	U6C	Union nut DIN 11851 conical coupling DN 32
U6D	Union nut DIN 11851 conical coupling DN 40	
U6E	Union nut DIN 11851 conical coupling DN 50	
Thermowell diameter		
②	6	6 mm
	4	6 mm, stepped to 4,5 mm
Insertion length [U₁]		
③	0025	25 mm
	0050	50 mm
	0075	75 mm
	0100	100 mm
	0150	150 mm
	0200	200 mm

Bestellcode: TR21-C-ZTT-CL90300150-W D ZZZZZ-FZZ-ZZZZ