

Pipe surface resistance thermometer, for clamping

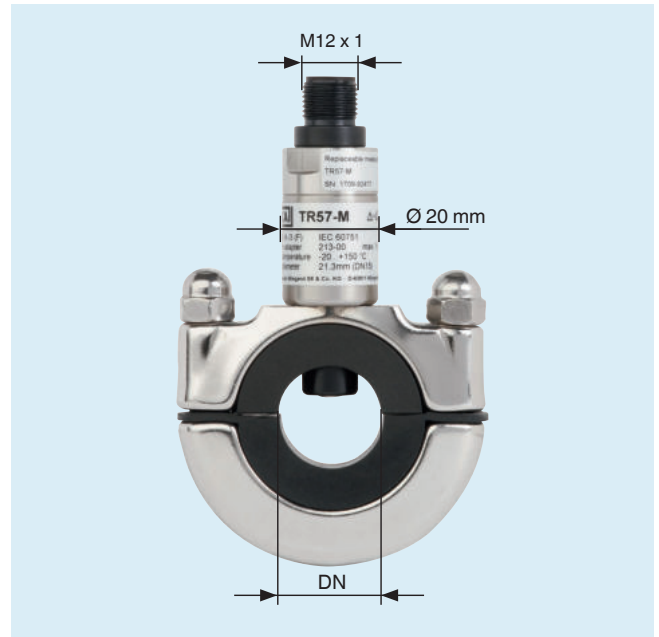
10/2017

Applications

- Sanitary applications
- Food and beverage industry
- Bio and pharmaceutical industry, production of active ingredients

Special features

- No intrusion into the pipeline
- Compact design for space-saving mounting
- Simple and fast electrical connection using an M12 x 1 plug connection
- Measuring insert removable and calibratable



Order numbers

Output signal		Pt100, 3-wire
Process temperature		-20 ... +150 °C
Outer diameter of pipe and nominal width	12.0 mm: DN 10, EN 10357 series B	14148660
	13.0 mm: DN 10, EN 10357 series A	14159217
	12.7 mm: ½", DIN 11866 row C / ASME-BPE	14218822
	13.5 mm: DN 8, DIN 11866 row B (ISO 1127)	14218826
	17.2 mm: DN 10, DIN 11866 row B (ISO 1127)	14159218
	18.0 mm: DN 15, EN 10357 series B	14159219
	19.0 mm: DN 15, EN 10357 series A	14148661
	19.0 mm: ¾", DIN 11866 row C / ASME-BPE	14159223
	21.3 mm: DN 15, DIN 11866 row B	14159224
	23.0 mm: DN 20, EN 10357 series A	14159225
	25.4 mm: 1", DIN 11866 row C / ASME-BPE	14159226
	26.9 mm: DN 20, DIN 11866 row B	14159227
	28.0 mm: DN 25, EN 10357 series B	14159228
	29.0 mm: DN 25, EN 10357 series A	
33.7 mm: DN 25, DIN 11866 row B		

Order numbers			
Output signal		Pt100, 3-wire	
Process temperature		-20 ... +150 °C	
Outer diameter of pipe and nominal width	34.0 mm: DN 32, EN 10357 series B		14148662
	35.0 mm: DN 32, EN 10357 series A		14159234
	38.1 mm: 1 ½", DIN 11866 row C / ASME-BPE		14159235
	40.0 mm: DN 40, EN 10357 series B		14159236
	41.0 mm: DN 40, EN 10357 series A		14159237
	42.4 mm: DN 32, DIN 11866 row B		14159238
	48.3 mm: DN 40, DIN 11866 row B		14159239
	50.8 mm: 2", DIN 11866 row C / ASME-BPE		14159240
	52.0 mm: DN 50, EN 10357 series B		14159241
	53.0 mm: DN 50, EN 10357 series A		14159243
	60.3 mm: DN 50, DIN 11866 row B		14148663
	63.5 mm: 2 ½", DIN 11866 row C / ASME BPE		14159255
	70.0 mm: DN 65, EN 10357 series A		14148664
	76.1 mm: DN 65, DIN 11866 row B		14159257
	76.2 mm: 3", DIN 11866 row C / ASME-BPE		14159257
	85.0 mm: DN 80, EN 10357 series A		14159258
88.9 mm: DN 80, DIN 11866 row B		14159259	

Legend: available from stock in Germany available after production -- not available

Order numbers				
Output signal		4 ... 20 mA		
Process temperature		-20 ... +100 °C	-20 ... +100 °C	-20 ... +150 °C
Transmitter configuration		-10 ... +50 °C	0 ... 100 °C	0 ... 150 °C
Outer diameter of pipe and nominal width	12.0 mm: DN 10, EN 10357 series B	14148645	14148650	14148655
	13.0 mm: DN 10, EN 10357 series A	14158943	14158987	14159093
	12.7 mm: ½", DIN 11866 row C / ASME-BPE			
	13.5 mm: DN 8, DIN 11866 row B (ISO 1127)	14218814	14218819	14218820
	17.2 mm: DN 10, DIN 11866 row B (ISO 1127)	14218823	14218824	14218825
	18.0 mm: DN 15, EN 10357 series B	14158944	14158988	14159094
	19.0 mm: DN 15, EN 10357 series A	14158945	14158989	14159095
	19.0 mm: ¾", DIN 11866 row C / ASME-BPE			
	21.3 mm: DN 15, DIN 11866 row B	14148646	14148651	14148656
	23.0 mm: DN 20, EN 10357 series A	14158947	14158999	14159119
	25.4 mm: 1", DIN 11866 row C / ASME-BPE	14158948	14159000	14159120
	26.9 mm: DN 20, DIN 11866 row B	14158949	14159001	14159121

Order numbers				
Output signal		4 ... 20 mA		
Process temperature		-20 ... +100 °C	-20 ... +100 °C	-20 ... +150 °C
Transmitter configuration		-10 ... +50 °C	0 ... 100 °C	0 ... 150 °C
Outer diameter of pipe and nominal width	28.0 mm: DN 25, EN 10357 series B	14158950	14159002	14159122
	29.0 mm: DN 25, EN 10357 series A	14158951	14159003	14159123
	33.7 mm: DN 25, DIN 11866 row B	14158952	14159004	14159124
	34.0 mm: DN 32, EN 10357 series B	14148647	14148652	14148657
	35.0 mm: DN 32, EN 10357 series A	14158955	14159017	14159142
	38.1 mm: 1 1/2", DIN 11866 row C / ASME-BPE	14158956	14159018	14159143
	40.0 mm: DN 40, EN 10357 series B	14158957	14159019	14159145
	41.0 mm: DN 40, EN 10357 series A	14158958	14159020	14159147
	42.4 mm: DN 32, DIN 11866 row B	14158959	14159021	14159148
	48.3 mm: DN 40, DIN 11866 row B	14158960	14159022	14159149
	50.8 mm: 2", DIN 11866 row C / ASME-BPE	14158961	14159023	14159150
	52.0 mm: DN 50, EN 10357 series B	14158962	14159024	14159151
	53.0 mm: DN 50, EN 10357 series A	14158963	14159025	14159152
	60.3 mm: DN 50, DIN 11866 row B	14148648	14148653	14148658
	63.5 mm: 2 1/2", DIN 11866 row C / ASME-BPE	14158970	14159087	14159168
	70.0 mm: DN 65, EN 10357 series A	14148649	14148654	14148659
	76.1 mm: DN 65, DIN 11866 row B	14158974	14159088	14159169
	76.2 mm: 3", DIN 11866 row C / ASME-BPE			
	85.0 mm: DN 80, EN 10357 series A	14158975	14159089	14159170
88.9 mm: DN 80, DIN 11866 row B	14158976	14159090	14159171	

Legend: available from stock in Germany available after production -- not available