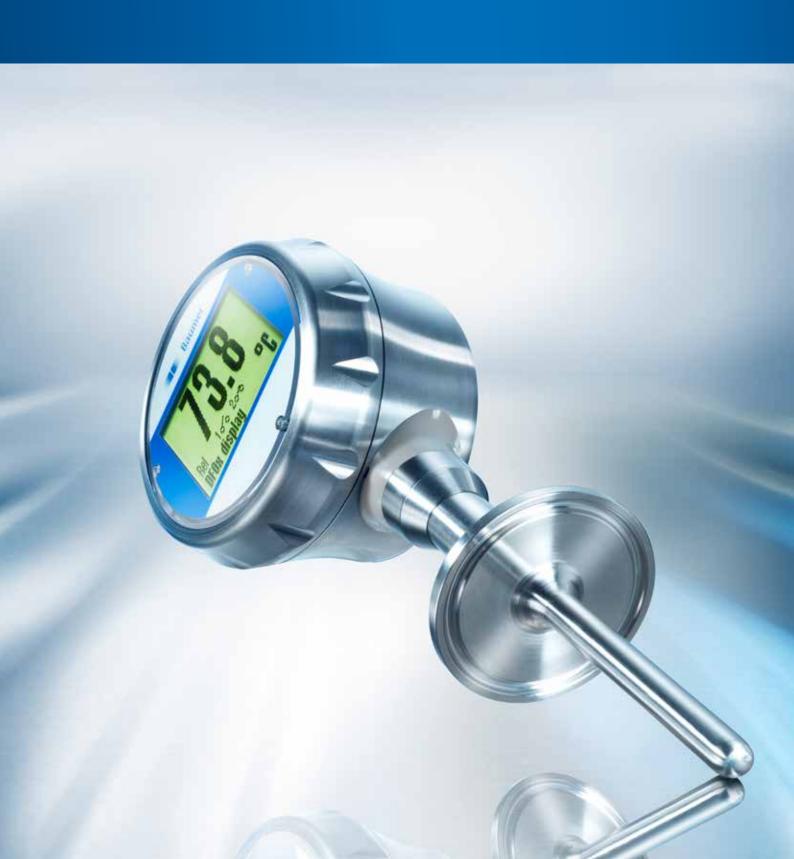




CombiTemp®

Temperature — keeps you cool.



Product overview of CombiTemp®

Features	Industries	Media edge conditions	Process connections	Wetted parts material	Available measure- ment ranges	Accuracy
Precise Temperature measurement Temperature switch Various process connections (threaded, hygienic)	Industrial Machinery Chemical/Petro- chemical Water/waste water Food & Beverage Pharmaceutical	■ TFRN: -50400°C ■ TFRH: -50250°C	Tube without	AISI 316L (1.4404)	Length 203000 mm reduced tip d = 4 mm for fast response time TFRN: -50400 °C min. range 25 °C TFRH: -50250 °C min. range 25 °C	DIN A 1/1 DIN B 1/1, 1/3, 1/6 Transmitter: 0.1 °C or 0.25 °C (dependent on type)
Housing	Measuring principle	Output signal	Electrical Connection	Interfaces	Standards	
Stainless steel AISI 304 (1.4301) IP67 (cable gland), IP 69K (M12)	Pt100 RTD sensor	Pt100 (without transmitter and display) 420 mA 420 mA HART 2 x relay contact (optional)	M12 plug 5-pin or 8-pin M16 or M20 cable gland	Built in graphical display DFON Display programable by touch screen Display and trans- mitter via PC and FlexProgrammer 9701	ATEX Ex ia IIC T5/T6, ATEX II 1G Ex nA II T5, ATEX II 3G GOST-R ■ TRFH: 3-A	

The CombiTemp® TFRN/TFRH.

The CombiTemp® is a high end temperature transmitter for accurate and reliable temperature measurement in both industrial and hygienic applications. The instrument is well suited especially in applications which demand for highest precision and perfect visualization.



The CombiTemp® TFRH meets the requirements of the respective 3-A Sanitary Standard. It is FDA compliant, meets industrial standards and fulfills EU directives 10/2011, 1935/2004 and 2023/2006.









For more information about our CombiSeries visit www.baumer.com/CombiSeries or ask our experts.

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