

RPI/RPI+T

2-IN-1 RELATIVE PRESSURE AND
TEMPERATURE TRANSMITTER



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GRUNDFOS 

The 2-in-1 pressure and temperature transmitter (RPI) features the unique patented Silicoat® technology allows direct contact with the liquid and therefore a faster response time.

The Grundfos transmitter is a 2-in-1 solution with pressure and temperature measurement integrated in a single unit, which gives an output signal for both pressure and temperature in any liquid.

Benefits

- › Direct contact with the media enables fast response time
- › Silicoat® protects the transmitter against wear and tear to prolong product lifetime
- › Wide temperature range is standard.

Pressure range [bar]									
	0 to 0.6	0 to 1.0	0 to 1.6	0 to 2.5	0 to 4.0	0 to 6.0	0 to 10	0 to 16	0 to 25
RPI	x	x	x	x	x	x	x	x	x
RPI+T	x	x	x	x	x	x	x	x	x

Data	RPI	RPI+t
Pressure range	0..0.6 to 0..25 bar	
Accuracy (p)	± 2% FS	
Accuracy (t)	± 2.5°C	
Max. pressure	25 bar	
Burst pressure	60 bar	
Media temperature	-30°C to 120°C (non-freezing)	
Ambient temperature	-25°C to 60°C	
Measuring range (t)	0°C to 100°C	
Supply voltage	12 to 30 VDC	
Output	> Press. > Press. + Temp.	4 to 20 mA (Clamp 21 mA) 2 x 0 to 10 V
Connection > Electrical > Pressure	M12 (30 meter maximum. Longer via converter) G½	
O-ring	EPDM or FKM	
Material	Stainless steel (1.4404/AISI 316L)	
IP Class	IP67	



The sign of top industrial quality

The characteristic stainless steel Grundfos Industrial Solutions sign symbolises our commitment to industrial professionals. Our pump ranges cover it all: cleaning, dosing, water treatment, water supply, wastewater, cooling, boiler

feeding, heating, fire protection and general or sanitary processing. In addition to the extensive pump portfolio we offer a variety of pump-related solutions, including sensors, monitors and control units.