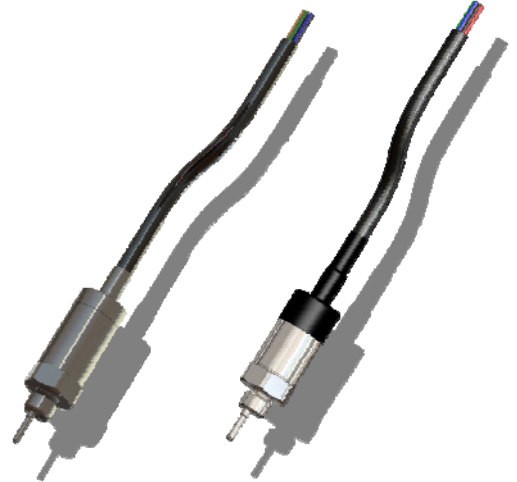


PRODUCT FEATURE

Miniaturized combined Pressure and Temperature Transducer

MAIN FEATURES

Pressure range:	up to 20 bar
Temperature range:	up to 125 °C
Response time (P):	≤ 1 ms
Response time (T):	≤ 2 s
Temperature signal:	PT1000 or PT100
Pressure signal:	0.5 – 4.5V @5V ratiometric
Contact material:	SS 303 and 304, fully welded design
Pressure fitting:	M8x1
Overall dimensions:	≤ 50 mm / Ø 14 mm
Total weight:	≤ 30 grams



FIELDS OF APPLICATION

- race car and motor cycles engine control and break system, fuel system
- general fuel and other hydraulic system control an motorized applications
- applications with weight and/or size limitation
- next level of process control integration with combined sensors for both pressure and temperature
- test bench and system evaluation

FLEXIBLE PRODUCT FEATURES

- Adjustment to any pressure range up to 20 bar
- Adjustment to the output signal, 12V supply is next to be implemented
- Different class PT1000 or PT100 available as well as modifications to length of probe

If you need further information, please don't hesitate to contact us!