

# TEMPERATURE MEASUREMENT

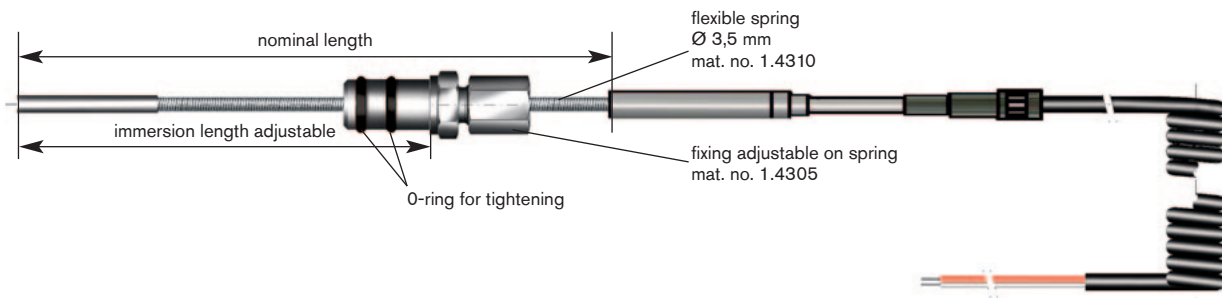
Especially appropriate for temperature measurement in engine oil!

## IN LIQUIDS

dip-stick resistance thermometer



■ with helix cable 4 x 0,14 mm<sup>2</sup> (+90°C)



■ This dipstick resistance thermometer is especially appropriate to collect the temperature in engine oil. The dipstick can easily be inserted instead of the normal oil dipstick. The adjustable fixing tightens the opening so that during operation the oil cannot penetrate. With the help of the fixing, the immersion length of the dipstick can be modified.

An additional advantage of the spiral cable is that the element can be put into the required position in case of use and afterwards the cable contracts again like a spring.

### RTD:

- ☐ 1 x PT100
- ☐ 2 x PT100

### Limiting deviation:

- ☐ class A ☐ -30°C/+300°C ☐ -100°C/+450°C
- ☐ class B ☐ -50°C/+500°C ☐ -196°C/+600°C

### Connection types of inner wire:

- ☐ 2-wire circuit
- ☐ 3-wire circuit
- ☐ 4-wire circuit

Nominal length: \_\_\_\_\_ mm

### Fixing adjustable:

- ☐ for tightening-Ø 8 mm
- ☐ for tightening-Ø \_\_\_\_\_ mm

### Connection ends:

- ☐ bare ends
- ☐ cable lugs M4
- ☐ other cable ends \_\_\_\_\_

- ☐ with batch certificate and identification

### Connection cable:

- ☐ RTD cable (FEP / FEP)
- ☐ other connection cables (see page 40)



- ▶ due to the adjustable immersion depth, it can be applied for the most different engine types!
- ▶ different tightening-Ø possible on request!

### CONFIGURATION EXAMPLE

item no.	RTD	connection type	fixing dimension
T861-049-392	1 x PT100	4-wire circuit	Ø 8 mm

### general information

With a 2-wire circuit only one class accuracy class B accuracy can be confirmed.