

## TESK LL 0/400 TEMPERATURE TRANSMITTER FOR COMBUSTION GAS

TESK LL 0/400 transmitter is designed for temperature measurement in combustion gas from boilers and boiler plants.

The sensor is protected by a stainless steel pocket for prolonged life. Housing is made of silumin cast.

Temperature is detected by a Pt 100 element with a nominal resistance of 100 ohm at 0°C. The signal of the Pt 100 element is converted into a 4...20mA signal (0...400°C = 4...20mA).

The sensor is mounted to the exit gas duct by means of a joint with R 1/2" thread. On order the sensor can be delivered with a mounting flange.

**Attention!**

Minimum distance between hot duct and housing is 100mm.



**Technical data:**

Supply	15...35Vdc
Sensor	Pt 100 EN 60751/B
Mounting	joint with R 1/2" thread
Stem	10 mm x 200 mm HST steel
Housing	silumin cast, IP 54
Cable entry	PG 16
Range	0...400°C
Accuracy	± 0,5 °C (at 0°C)
Temperature transmitter	2-wire
Operating temperature	0...60 °C

**Temperature/ Output mA:**

°C	mA
0	4
100	8
200	12
300	16
400	20

**Ordering guide:**

Model	Product number	Description
TESK LL 0/400	1177160	temperature transmitter for combustion gas; output 4...20 mA

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

**Produal Oy**

Keltakalliontie 18  
48770 Kotka  
FINLAND  
[www.produal.fi](http://www.produal.fi)

Tel: +358-5-230 9200  
Fax: +358-5-230 9210  
[info@produal.fi](mailto:info@produal.fi)