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DATA SHEET

TESK LU 0/400

Produal

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PRODUAL
measure-be sure.

TESK LU 0/400 TEMPERATURE TRANSMITTER FOR COMBUSTION GAS

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

The sensor is protected by a steinless 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 0...10V signal (0...400°C = 0...10Vdc).

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

Attention!
Minimum distance from the hot duct to the sensor head is 100mm.



Technical data:

Supply	24 Vac/dc < 1 VA (22…30Vac/dc)
Output	0…10Vdc < 2 mA
Sensor	Pt 100 EN 60751/B
Mounting	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)
Transmitter	3-wire
Ambient temperature	0…60 °C

Connection:

1	supply 24 Vac/dc
2	0V
3	output 0-10 Vdc < 2 mA

Temperature / Output:

Temperature °C	V
0	0,0
100	2,5
200	5,0
300	7,5
400	10,0

Ordering guide:

Model	Product number	Description
TESK LU 0/400	1179160	temperature transmitter for combustion gas; output 0...10 V

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).

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