

Panel Instrument for Temperature



Digital thermometer (silicon sensor)
KTY 10-6 / KTY 11-6

GTH 87 EG - KTY10-6

-50,0 up to +150,0 °C

Specifications:

Measuring range: -50.0 to 150.0°C

Resolution: 0.1°C

Sensor: KTY 10-6 or KTY 11-6 (please order separately)

Additional zero point offset possible via spindle trimmer at back side of device.

Accuracy (display device): (at nominal temperature = 25°C)

≤0.5°C ±1 digit (from -10 to +120°C)

Display: approx. 13mm high, 3½-digit, red LED-display

Scan rate: approx. 3 measurements / sec.

Working temperature: 0 bis 50°C

Relative humidity: 0 to 80 %RH (non-condensing)

Storage temperature: -20 to 70°C

Power supply: 230V 50/60Hz

Option: 12/24/115V AC
12/24V DC

Housing: standard rack-type housing, 48 x 96 x 100mm (H x W x D)

IP rating: front side IP54 (with optional O-rings IP65).

Panel cutout: 43 x 90.5 (H x W)

Connection terminals: screw-type/plug-in terminals,
max. terminal range 1.5mm²

Noise immunity (EMC):

The GTH87EG-KTY10 is conforming to the regulations determined by the Council for the Approximation of the Legislation amongst the Member Countries concerning EMC (2004/108/EG).

The device meets EN50081-1 and EN50082-2 requirements.

additional error: <1%

Options - against upcharge:

12VDC: Power supply: 12Vdc

24VDC: Power supply: 24Vdc

12VAC: Power supply: 12Vac

24VAC: Power supply: 24Vac

115VAC: Power supply: 115Vac

Accessories:

GGD 4896 additional sealing for panel mounting IP65

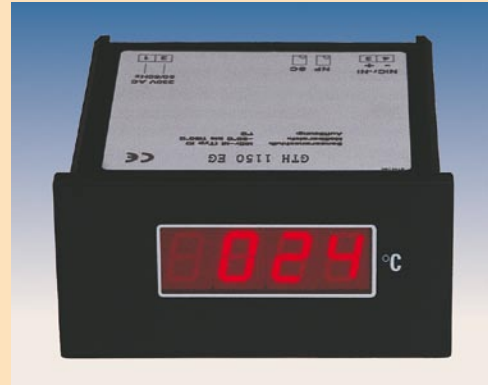
Suitable sensors:

GMF 11/152 immersion probe

GMF 21/152 injection probe

GMF 15/152 screw-type probe

Other KTY11-6 - probes or custom-built sensors available.
(p.r.t. page 99).



Digital thermometer (thermocouple)
NiCr-Ni (type "K")

GTH 1150 EG

-50 up to +1150 °C

Specifications:

Measuring range: -50 to 1150°C

Resolution: 1°C

Sensor: NiCr-Ni (type K) (please order separately)

Additional zero point offset possible via spindle trimmer at back side of device.

Accuracy (display device): (at nominal temperature = 25°C)

< 1% ± 1 digit (from -20 to +550°C and 920 up to 1150° C);

<1.5% ± 1 digit (from 550 to 920° C),

from -50 to -20° C acc. to correction table

Display: approx. 13mm high, 3½-digit, red LED-display

Scan rate: approx. 3 measurements / sec.

Working temperature: 0 bis 50°C

Relative humidity: 0 to 80 %RH (non-condensing)

Storage temperature: -20 to 70°C

Power supply: 230V 50/60Hz

Option: 12/24/115V AC
12/24V DC

Housing: standard rack-type housing, 48 x 96 x 100mm (H x W x D)

IP rating: front side IP54 (with optional O-rings IP65).

Panel cutout: 43 x 90.5 (H x W)

Conn. terminals: screw-type/plug-in terminals,
max. terminal range 1.5mm²

Noise immunity (EMC):

The GTH1150EG is conforming to the regulations determined by the Council for the Approximation of the Legislation amongst the Member Countries concerning EMC (2004/108/EG). The device meets EN50081-1 and EN50082-1.

additional error: <1%

Options - against upcharge:

12VDC: Power supply: 12Vdc

24VDC: Power supply: 24Vdc

12VAC: Power supply: 12Vac

24VAC: Power supply: 24Vac

115VAC: Power supply: 115Vac

Accessories:

GGD 4896 additional sealing for panel mounting IP65

Suitable sensors:

Order all NiCr-Ni (type "K") - sensors without plug but with ferrule.
(p.r.t. pages 91 - 95, 100, 101)

Custom-built sensors available. (p.r.t. pages 96 and 98)