



### Temperature sensor MT-2

MT-2 is a digital temperature sensor, dedicated to server type MP-2. The module contains universal data busbar type I<sup>2</sup>C, so it can be also used for other purposes. Its construction is based on LM75. The sensor is closed in esthetic and durable aluminium housing. Airholes ensure good air flow and short reaction time for temperature changes. The sensor can't be used in places with water vapour condensation.

#### Technical parameters:

**Voltage:** 3...5,5V

**Power consumption:** typically about 300uA

**Temperature range for consistent functioning:** 0...70°C

**Temperature range for temporary functioning:** -20...85°C

**Measurement accuracy:** +/-2°C

**Measurement resolution during functioning with MP-2 server:** - 0,5°C

**Data busbar:** I<sup>2</sup>C

**Connector type:** RJ9

**Cable`s length:** 2m

**Protection degree of housing:** IP30

**Dimensions:** ø 12x57mm

#### Cables` description:

yellow- SCL

green- GND

red- +Uz

black- SDA