# Kjærulf Pedersen a/s

## 8 channel temperature-multiplexer type: TempMux-8

Sheet no.

**Application:**
- Temperature measurement

**Properties:**
- 8 PT1000 inputs
- Temperature range of -60°C – +85°C
- Status of each input
- Zero-point calibration
- Bootloader
- Average temperature



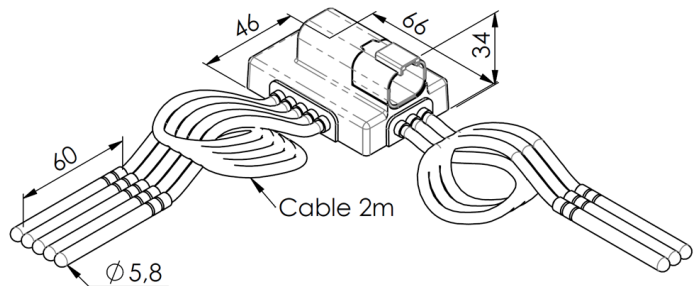| | 7700001 | | 7700-E010817V1 |
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## ELECTRICAL SPECIFICATIONS:

**Supply:**
10-28 VDC.

**Output:**
Modbus RTU RS485 protocol.

**Connection:** 4 pin deutch, female
Others on request depending on quantity.



## FUNCTIONALITY.

The TempMux-8 is built to reduce sensor expenses by multiplexing between up to 8 different PT1000 elements. The TempMux-8 also features status and error detection for each input and average capabilities.

## ENVIRONMENTAL:

**Temperatures:**
Temperature on electronics:  -40°C to 80°C.

**EMC:**
Emission:      Domestic, EN 61000-6-3
Immunity:      Industrial, EN 61000-6-2