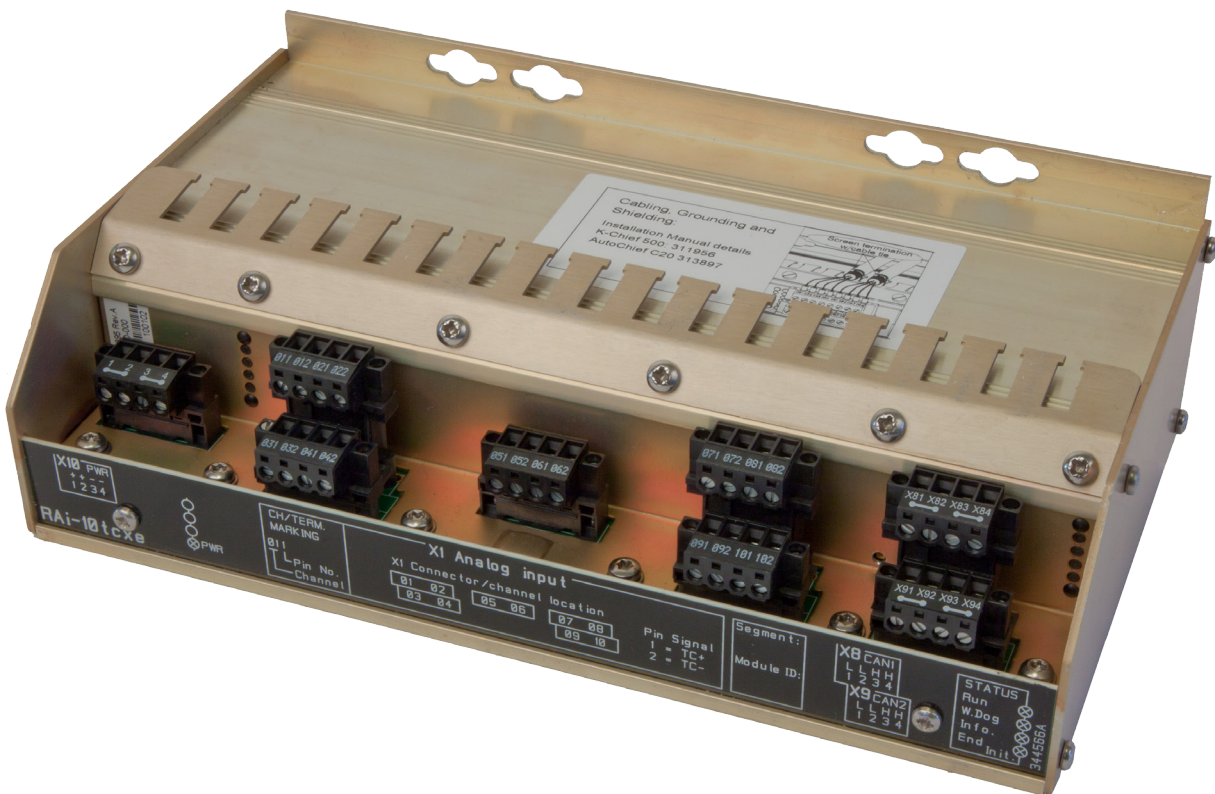


Distributed Processing Units

Remote Analogue input (RAi-10tcxe)



KONGSBERG



Description

This unit has 10 analogue input channels. It is used for temperature measurements with Thermo Coupler (TC) elements of different types. It is particularly suited to monitor engine exhaust temperatures.

A large variety of temperature elements can be connected, with ranges ± 50 , ± 200 , 0 to $+ 600$ °C. A Cold Junction Compensation function is included.

A large variety of different elements can be connected.

The module requires 24VDC input power and provides over redundant CAN Open 4.0 high speed field bus, sensor data processed and time stamped.

Functions

- Temperature element types: J/K/T/E/R/S/B/N
- CJC
- 10 analog input channels
- Scaled in technical units
- Limit checking
- Alarm block
- Trend
- Time stamping of alarms and events
- Self checking

Features

- All parameters are stored in the module
- Remote configuration
- No trimmers or jumpers
- No serviceable parts
- All connections are plugable
- Suitable for direct installation on the main engine
- Type approved



