



Specialist in Maritime Temperature Measurement



**Kjærulff
Pedersen a/s**

"... guaranteeing you the best product and service"

Our experience, your guarantee

Kjærulf Pedersen is one of the world's leading specialists in construction and production of temperature sensors. With over 150,000 annual worldwide deliveries of standard and specialized temperature sensors, our experience and flexible production capability is your guarantee of the best product and service.

Highly certified Marine specialist

Having a deep understanding of the needs of our Marine clients, we know the specific demands on instruments for use in a maritime environment.

Our long history of excellence within the Marine sector has resulted in an unprecedented eight individual Marine certifications.

In the following pages you will see how Kjærulf Pedersen delivers excellence in each of these six Marine categories.

- Offshore
- Reefer/container
- Oil and Gas tankers
- Marine engines
- Replacement and spare parts
- Shipyard



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KP
Kjærulf
Pedersen a/s



*... "With over 150,000 annual
worldwide deliveries" ...*



“...withstanding extreme weather conditions and heavy duty use”



Offshore

In an offshore environment there is a need for equipment able to withstand extreme weather conditions and heavy duty use. These demanding circumstances call for suppliers with specialized expertise and proven ability to perform under these conditions. Kjørulf Pedersen has a long history of delivering instruments with superior endurance and performance to the offshore industry. In case of breakdowns in ATEX zones, we enable you to restore operations with minimum delay by producing and shipping any sensor within 24 hours. Supplying sensors for heavy duty application in:

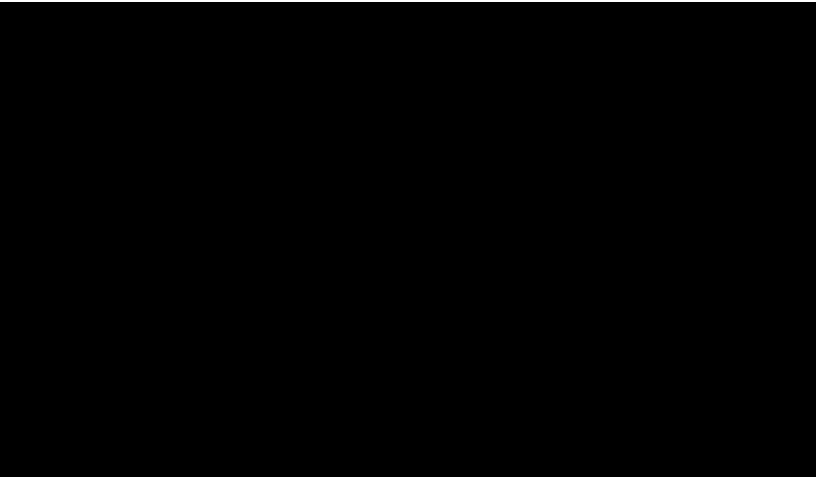
- Pipelines
- Oil pumps
- Drills



RT-B-FL
Heavyduty temperature sensor with Atex approval for measuring temperatures in closed pipelines and containers with gaseous or liquid media.

RT-B-MS
Heavy duty temperature sensor with Atex approval. This sensor is spring loaded for optimal thermal connection with a bar stock thermowell.

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“... we enable you to restore operations with minimum delay”

“...the best endurance and performance the market has to offer”



Reefer/container

Monitoring and controlling the environment of cargo in transit is a critical factor in securing the quality of goods being shipped.

Kjærulf Pedersen supplies sensors with the correct temperature curve ensuring highest degree of accuracy. As always, our sensors give you the best performance the market has to offer. For sensors with high rate of replacement we offer best value for money.

Supplying sensors for application in:

- All cooling facilities
- USDA cargo
- Super freeze



RT-RNP-USDA

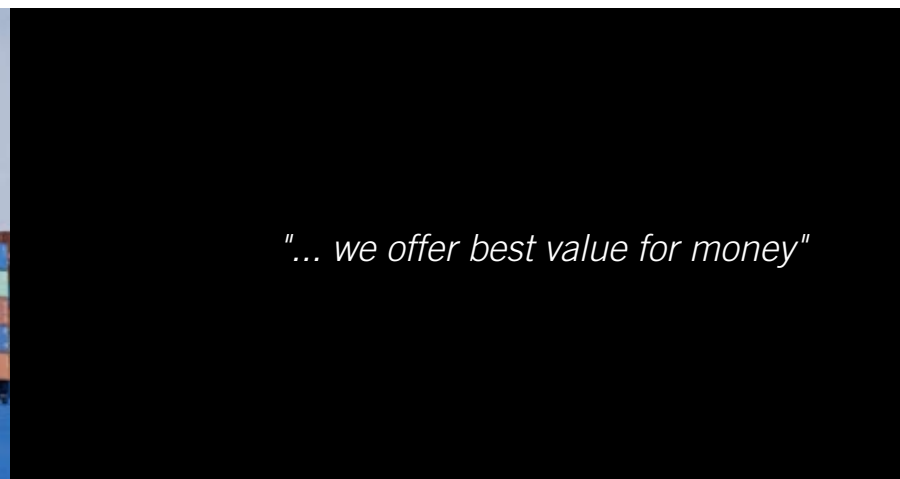
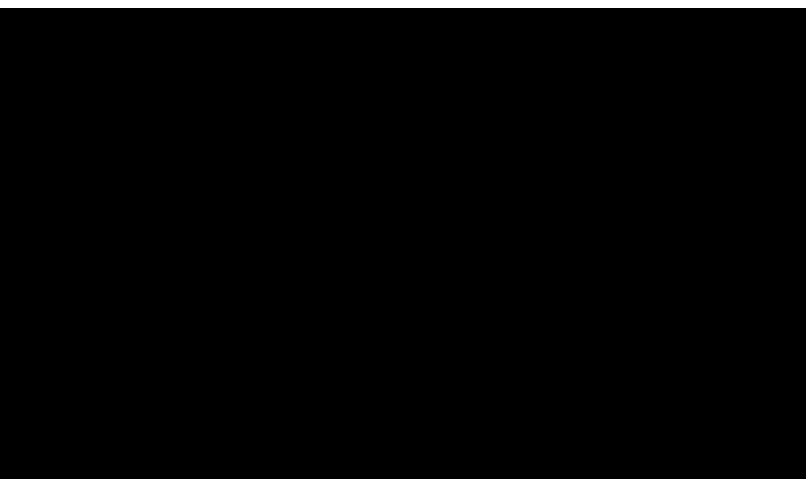
USDA sensor made for measuring temperatures in cold or frozen medias to monitor and control the temperature during transportation. Used for tasks that require temperatures to be checked quickly.



RT-RR1

Room temperature sensor with IP68 protection used for measuring air temperatures in cargo holds. For measuring indoor and outdoor air temperatures, damp rooms, freezer compartments and storage containers.

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“... we offer best value for money”



“...specialized instruments adapted to every specific individual need”



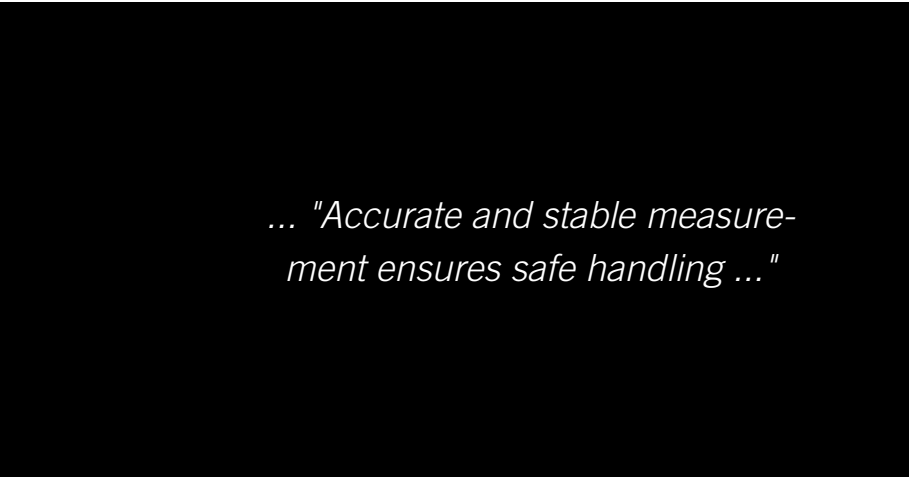
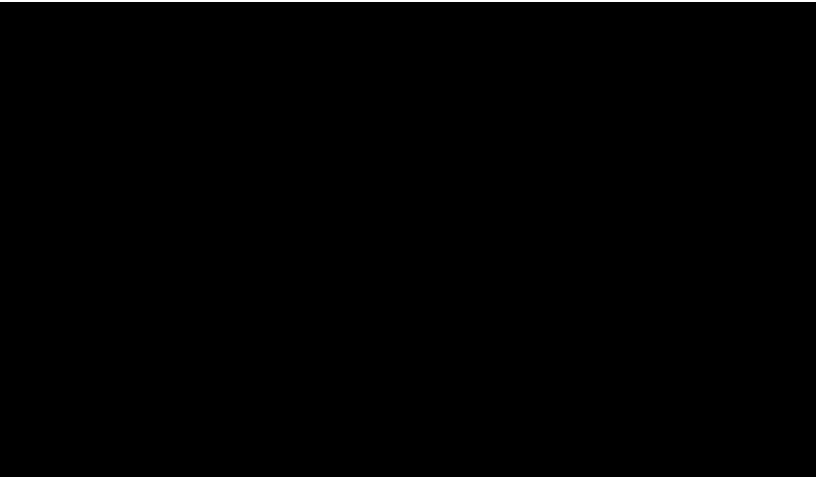
Oil and Gas tankers

When storing hazardous and unstable material on a ship it is self-evident that safety needs to be a primary concern. Kjærulf Pedersen delivers specialized sensors adapted to every specific individual need. Accurate and stable measurement ensures the safe handling of these dangerous materials. Supplying sensors for application in:

- Multi spot temperature measurement
- Multi spot for stationary tanks
- ATEX
- Pipeline and tank systems



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“... sensors able to withstand extreme vibration, oil and moisture”



Marine engines

Performance, reliability and durability are critical factors that have to be fulfilled by sensors applied in Marine engines. From our many years of experience we know sensors in marine engines need to be able to withstand extreme vibrations, oil spill and moisture. This is why we are committed to producing sensors specifically made to endure these conditions, giving you the longest possible product life.

Supplying sensors for application in:

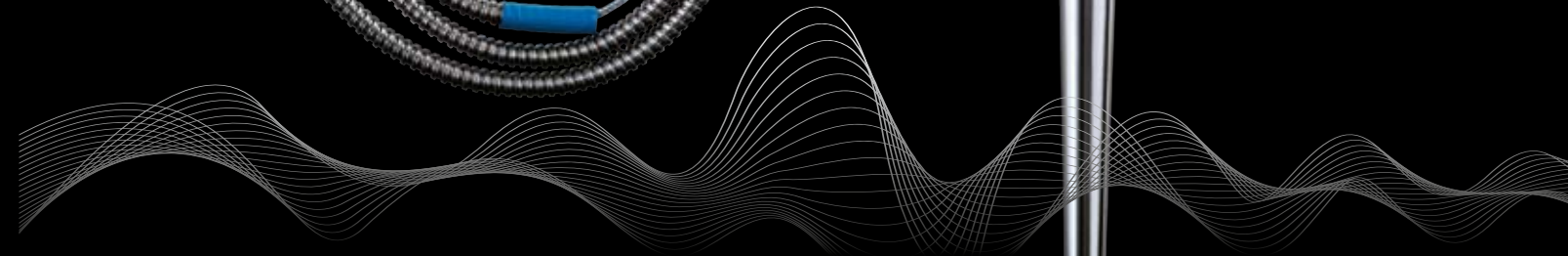
- GenSets
- Commonrail
- Two-stroke and four stroke engines
- Turbochargers
- CP-propellers
- Complete propulsion packages



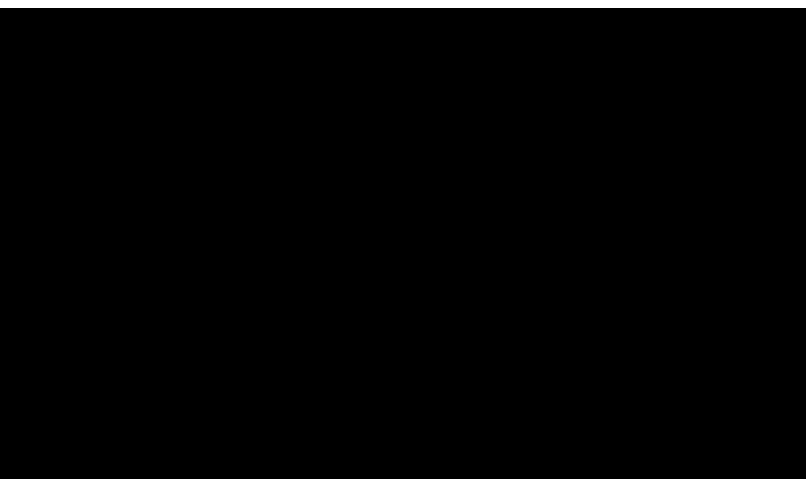
TC-TEG 2
For measuring and regulating exhaust gas in connection with stationary or maritime engines. This sensor type has an interchangeable insert and a solid drilled bar stock thermowell. Especially designed to withstand the most extreme vibrations.



TC-TEG 3
For measuring and regulating exhaust gas in connection with stationary or maritime engines. With interchangeable insert and head mounting for easy electrical connection.



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“... giving you the longest possible product life”



"... sensors for all applications"

Replacement and spare parts

When sensor failure causes a breakdown you need a flexible supplier able to respond with the right product, restoring operations as quickly as possible.

Our expertise and production capability enables us to offer sensors for all applications. Whether it calls for standard or specialized sensors, we can guarantee production and shipment within 24 hours.

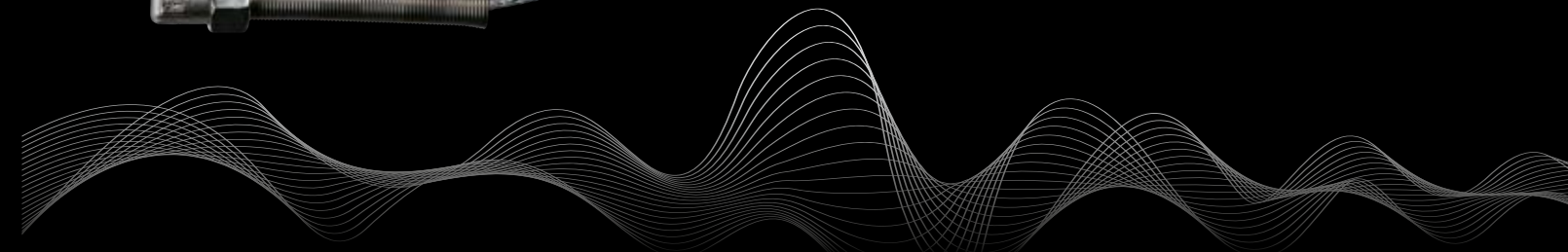
TC-TEG 1

Angular thermocouple for measuring and regulating exhaust gas in connection with stationary or maritime engines. Fixed with an adjustable coupling and with a cable for electrical connection.



RT-RC1

All-purpose cable sensor for measuring temperatures in air-conditioning and cold storage units.



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... "we can guarantee production
and shipment within 24 hours."



“... personalized expert advice for both standard and tailor-made sensors”



Shipyard

Kjærulf Pedersen offer personalized expert advice for both standard and tailor-made sensors. With deliveries to over 500 newbuildings we have the experience that guarantees the optimal temperature measurement solution to shipyards.

Supplying sensors for all applications in:

- Naval vessels
- Ro-Ro ships
- Cruise liners
- Oil and Gas tankers
- Bulk carriers
- Container vessels



RT-B-PG11

Resistance thermometer for measuring temperatures of liquid and gaseous media. The sensor has an interchangeable insert and a DIN-plug for easy electrical connection.

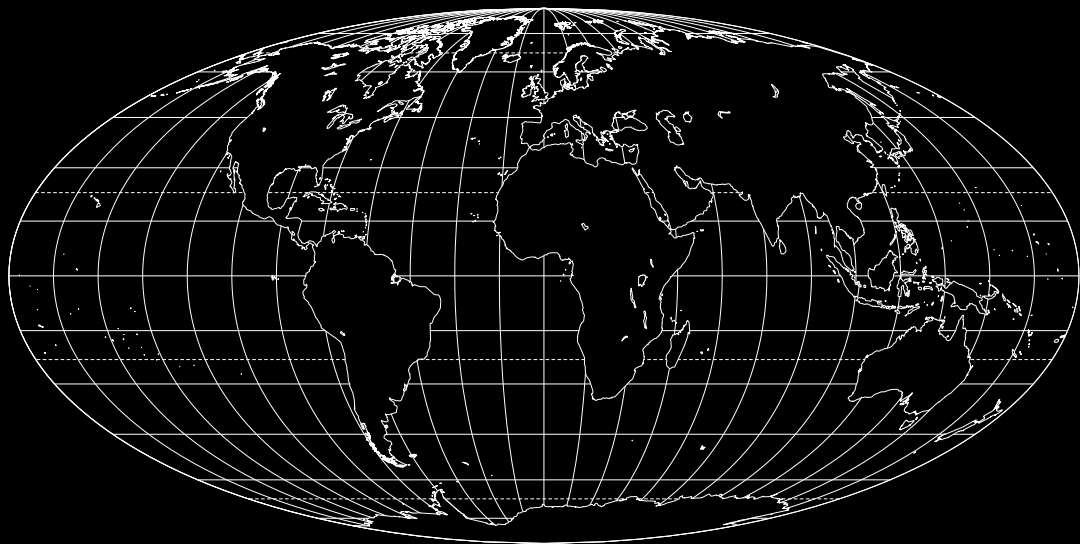


RT-B

Resistance thermometer for measuring temperatures of liquid and gaseous media. The sensor has an interchangeable insert and can be mounted with any type of protection head.

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