

# GLOBAL. SENSOR. EXCELLENCE.



**PRESSURE AND TEMPERATURE TRANSMITTER**  
**FOR TANK LEVEL AND DRAFT MEASUREMENT**  
**with rangeable output 4-20 mA**

**STS**  
global.sensor.excellence

# STS Maritime Division

Your service partner for quick transmitter replacement

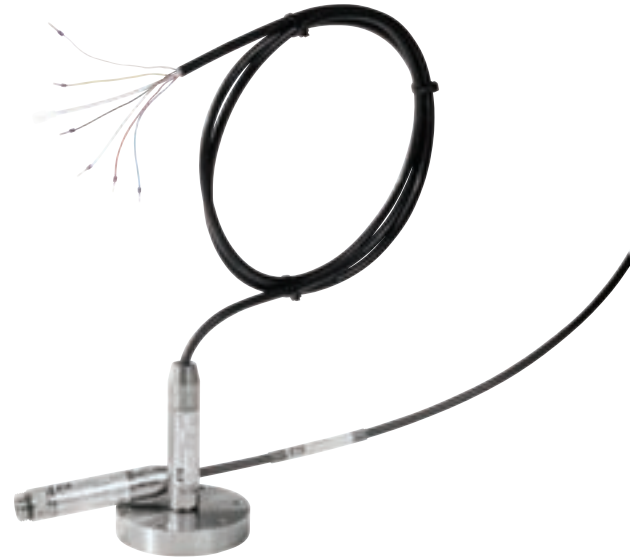
## OUR CONCEPT

Our pressure and temperature transmitters can be used for replacement of any tank and draft measurement transmitters with an output of 4 - 20 mA, rangeable for any measuring range.

With several adaptors and accessories like:

- flanges
- ball valves
- adaptor rings for top mounted installation
- including the corresponding seals

the transmitter can be adapted to any type of installation



## OFF THE SHELF DELIVERY

- PTM.MT with adjustable pressure ranges
  - relative transmitter: 0 - 100 mbar, up to 0 - 4 bar
  - absolute transmitter: 0 - 700 mbar, up to 0 - 6 bar
- Different cable lengths: 3, 5, 10, 15, 20, 25, 30, 35m, ...
- With optional temperature measurement
- With a wide range of flanges and adapters for any type of installation
- Modem to adjust the measuring range

## SPARE PART PACKAGE

With our spare part package, a vessel's crew is always able to program and install a new pressure transmitter on its own.

It consists of :

- Pressure transmitters with the required cable lengths
- Adaptors with the corresponding seals
- Modem to adjust the measuring range of the transmitters to the specific tank height
- Equivalent list indicating which transmitter, which adapter and which pressure range correspond to the transmitter to be replaced.

## SHORT DELIVERY TIME

For other applications other than tank level and draft measurement, STS offers more than 30'000 different sensor configurations within a short delivery time.

# PTM.MT Maritime

## Pressure and temperature transmitter for tank level measurement

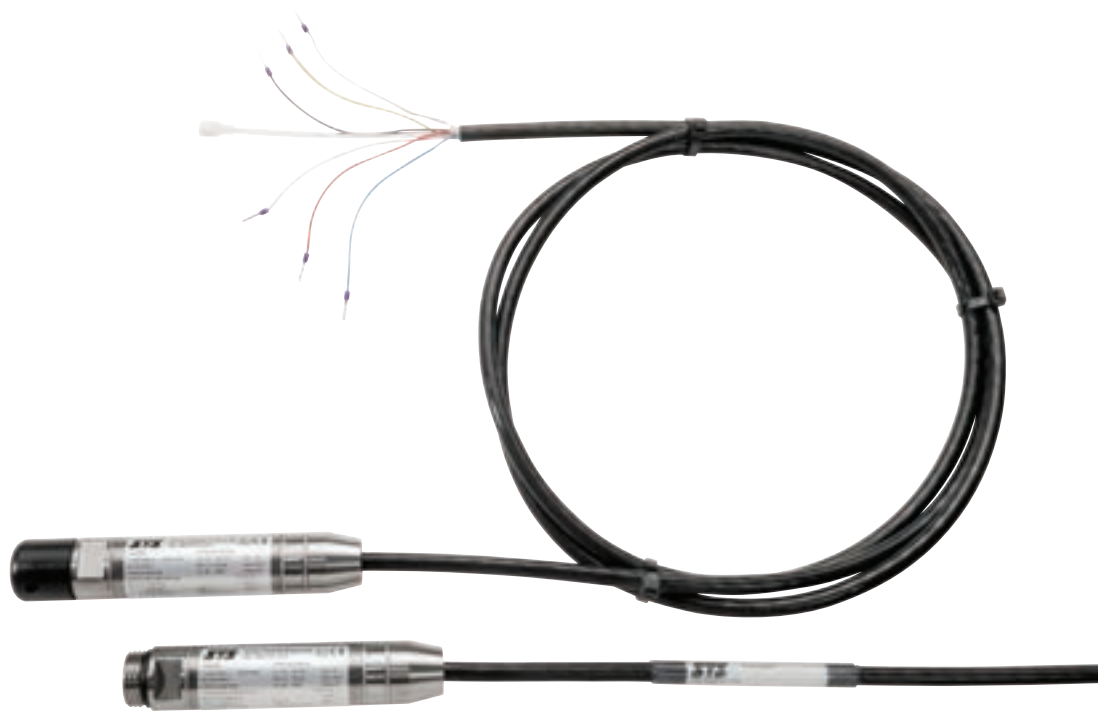
### CUSTOMER BENEFITS

- ATEX, IECEx, DNV-GL certifications
- High flexibility due to scalable pressure ranges
- Level/Pressure units selectable
- Adjustment of zero and span setting via software
- Material: Titanium for use in salt water, acidic or other aggressive media
- One sensor for all shipboard liquids: fuel oil, lube oil, fresh water, black water, etc.

### TECHNICAL SPECIFICATIONS

- Pressure ranges
  - relative transmitter: 0 - 100 mbar, up to 0 - 4 bar
  - absolute transmitter: 0 - 700 mbar, up to 0 - 6 bar
- Output: 4 - 20 mA
- Pressure port: G1/2"
- Temperature: -20 to 100 °C
- Accuracy:  $\leq 0.25\%FS$
- Overpressure: min. 5 x FS





**STS Sensoren Transmitter Systeme GmbH**  
**Maritime Division**  
Poststrasse 7  
D-71063 Sindelfingen | Germany  
Phone: +49 7031 204 9416  
Email: sales-de@stssensors.com

[www.stssensors.com/de](http://www.stssensors.com/de)

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