

GLOBAL. SENSOR. EXCELLENCE.



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



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm



STS Maritime Division

Your service partner for quick transmitter replacement

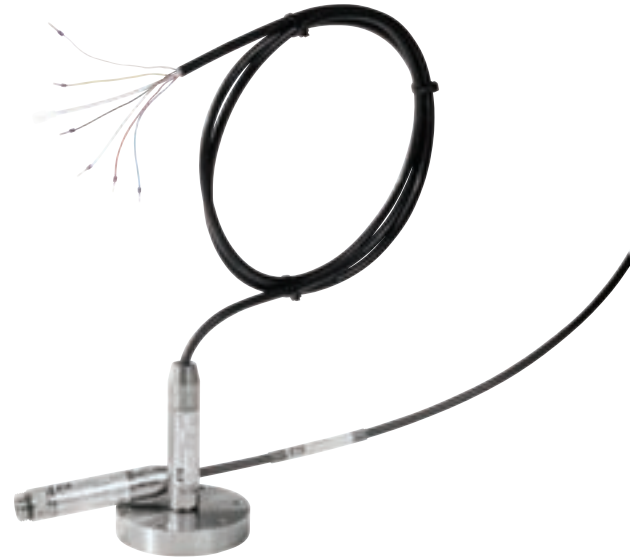
OUR CONCEPT

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

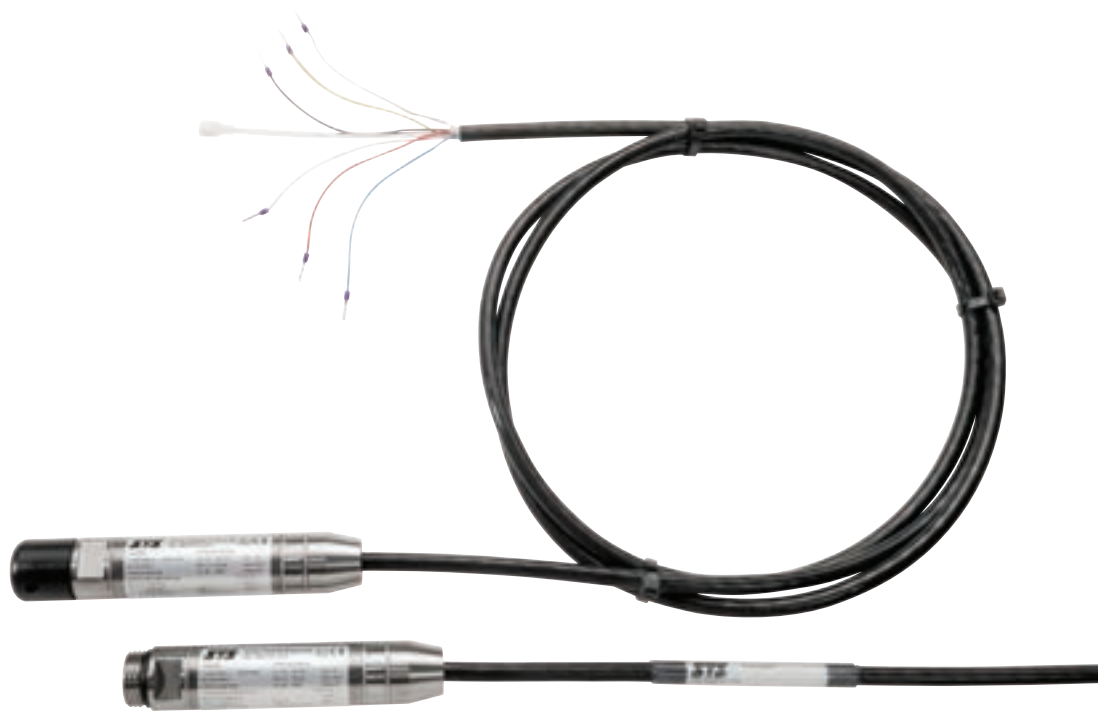
CUSTOMER BENEFITS

- 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

Release: 10.00.0580.B - 2020.11

STS
global.sensor.excellence