Certificate no.:
TAA00003CV

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Temperature Transmitter

with type designation(s)
Smartline temperature transmitter STT850 & STT 750 Temperature Transmitter

issued to
Honeywell International Inc.
Fort Washington, PA, USA

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Temperature	**D**
Humidity	**B**
Vibration	**A**
EMC	**A**
Enclosure	**C**

Issued at **Høvik** on **2024-09-16**
This Certificate is valid until **2029-09-15**.
DNV local unit: **Houston Offshore Services**

for **DNV**

Approval Engineer: **Torsten Dzillak**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product Description

STT850 & STT 750 Temperature Transmitter is designed as modular platform where several 'Modules' are installed in an explosion proof housing to create several types of transmitter and remote meter products. A minimal transmitter would consist of a sensor module, a terminal block module and a Comm. module. An optional Graphics Display module can be added to provide visibility at the transmitter for any combination of modules.
The primary output of the transmitter used for HART is a 4-20mA Loop Output that can be coupled. The 4-20mA Loop Output can then be coupled with HART communications protocol. All modules are intrinsically safe. These Temperature Transmitters works with Honeywell's Digitally Enhanced (DE) and Foundation Fieldbus (FF) protocols as well.

Place of manufacture

Honeywell System Sensor de Mexico,
S. de R.L. de C.V., Av. Miguel de la Madrid #8102,
Col. Lote Bravo, C.P.32695 Cd. Juárez,
Mexico

Honeywell Automation India Ltd
Plot No. 3, Gat No. 181,Village Fulgaon, Tal-Haveli,
Pune: 412216, Maharashtra,
India

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case.
Reference is made to DNV Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-Certificates issued by a notified/recognized Certification Body.

Application/Limitation

Evaluate the site selected for the Transmitter installation with respect to the process system design specifications and Honeywell's published performance characteristics for the particular model.
Reference is given to Ex-Certificate: Sira 14ATEX2046X, Sira 4ATEX4052X, IECEx SIR 14.0020X, FM16US0157X.
CSA: Certificate number 2689056
IEC61508: 2010
SIL2 for single transmitters
SIL3 for multiple transmitters

Type Approval documentation

Tests carried out

Applicable tests according to class guideline DNV-CG-0339, August 2021.

Marking of product

The products to be marked with:
- manufacturer name
- model name
- serial number
- power supply ratings

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE