

*pioneer of the Gearless Device*

**NESS**

[www.nesstech.co.jp](http://www.nesstech.co.jp)

## About Ness (SEA) Sdn Bhd

Ness (SEA) Sdn. Bhd. Was established in 2017, and we are 100% owned by Nesstech Inc., Japan which has more than 62 years history in instrument industry and determine to provide our best services, products to all customers.

Nesstech Inc. is manufacturing and supplying temperature/pressure instruments for oil & gas, petrochemicals, chemicals, marine, power generation and other general industries. The company also provides the inventory support, repair and calibration services, technical training for all its customers.

As a hub in South-East Asia Regions, Ness (SEA) Sdn. Bhd. is committed to provide the full support for all customers in every aspects.



Japan HQ

**NESS (SEA) SDN BHD (1255742-P)**

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# Company Major Milestone



- 1956 Shusaku Tsukioka established KOGYO KEIKI together with Ichiro Tsukioka
- 1966 Established Misato laboratory for developing temperature switches and improving existing products.
- 1979 Business partners with 3D Instruments / USA and started sales for their gearless pressure gauge in Japanese market. 3D Instruments started sales for Ness temperature gauge in the US market.
- 1985 Started production of 3D gearless pressure gauge in Japan under the license.
- 1991 Signed an agency contract with BETA B.V. / The Netherlands, and started import sales for their pressure and temperature switches. Renamed KOGYO KEIKI Co. Ltd. to NESSTECH INC.

# History



- 1994      Obtained ISO 9001 certification.
- 2006      Signed an agency agreement with Dwyer Instruments/ USA.
- 2007      Shuro Tsukioka has become the President & CEO of Nesstech Group.
- 2011      Head office building with main factory was built in Shinnarashino, Chiba. New factory in India was built near Vapi, Gujarat.
- 2012      Established Ness Technology (M) Sdn Bhd as Petronas Licensed company.
- 2017      Establish Ness (SEA) Sdn Bhd for regional management of sales channel in South East Asia region.



## SCOPE OF SUPPLY

- Pressure Gauges
  - Gearless Type
  - C-Type Bourdon Tube
  - Capsule Type
  - Solid Front Design
  - Diaphragm Seal
  - Differential Pressure
  - Subsea High Pressure
  - Gauge with Switch
  - Gauge Accessories
  - Precision Gauge
  - Caisson Gauge
  - Hand Pump Tester



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## SCOPE OF SUPPLY

- Temperature Gauges
  - Gearless Type
  - Bi-Metal Type
  - Stem or Capillary Types
  - Thermowells



Remote Reading  
TUS-2S (FLUSH MOUNTING)  
隔測型 (防滴)  
TUS-2S型 (IP66) (表面取付)



Rigid Stem  
SU-AD-2 (EVERY ANGLE)  
直結型 (防滴)  
SU-AD-2型 (IP66) (角度自在)



ELECTRICAL CONTACT TYPE  
(TEMPERATURE SWITCH) (UNIT TYPE) (IP66)  
SUO-M1RU-S  
接点付温度計 (温度スイッチ) (ユニット型IP66)  
SUO-M1RU-S型



Explosion Proof  
TEO2 (φ100)  
接点付温度計  
TEO2型  
安研防爆d2G4



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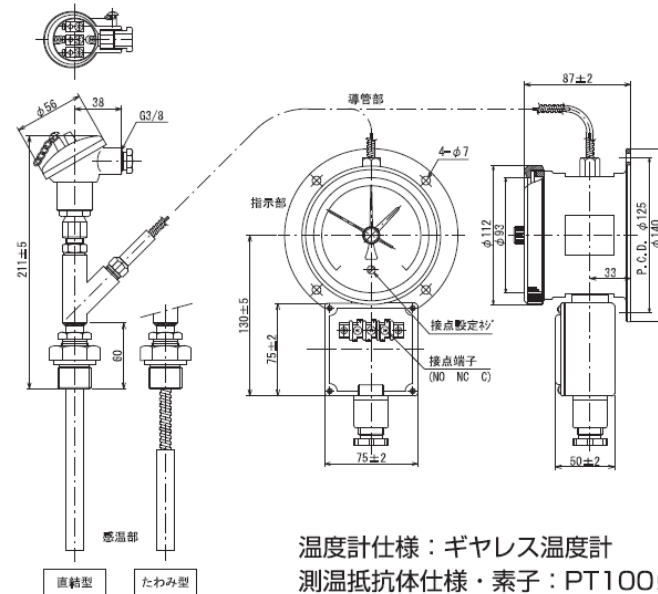


## TP Meter

By having one sensor  
for both temperature  
and pressure.  
Measuring  
temperature and  
pressure  
simultaneously.



## Construction & Features of TWIN TEMP TWIN TEMP 特徴



温度計仕様：ガラス温度計  
測温抵抗体仕様・素子：PT100Ω at 0℃ B級3線式

This enables to have only 1 sensor that can give both direct reading of a temperature gauge and a 4-20mA out put.

Temperature gauge can have a built in micro switch, and the temperature sensor can be selected from Pt100Ω and other various thermo couples. The terminal box can also be combined with an out put transmitter or a digital temperature gauge.





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## SCOPE OF SUPPLY

- Instrument Valves / Manifold Valves
- Flow Gauge with wiper
- Sight Glass



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## RTD & Thermocouple

Full range of RTD & Thermocouple including customised requirement

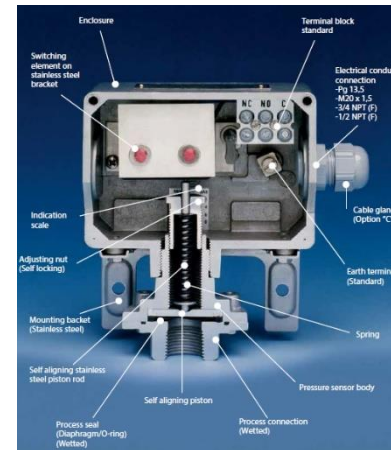
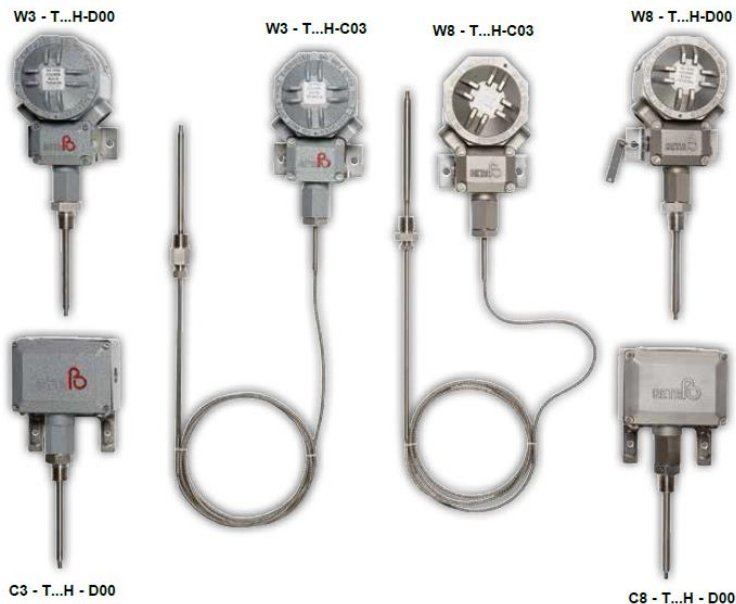




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## SCOPE OF SUPPLY

- Pressure Switch
- Differential Pressure Switch
- Vacuum Switch
- Temperature Switch



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- Pressure Transducer
- Pressure Transmitter
- Level Probes
- Data Logger
- Digital Manometer
- Pressure Calibrator

## SCOPE OF SUPPLY



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## SCOPE OF SUPPLY

- Pressure / Temperature Chart Recorder
- Dead Weight Tester

 <ul style="list-style-type: none"><li>• Chart Ø163 / 6"</li><li>• IP45</li><li>• Compact</li><li>• Only 3.1kg / 6.8 lbs</li></ul>	 <ul style="list-style-type: none"><li>• Chart Ø223 / 9"</li><li>• IP65</li><li>• Up to 3 felt tip pens</li><li>• Only 6.4kg / 14.1 lbs</li></ul>	 <ul style="list-style-type: none"><li>• Chart Ø300 / 12"</li><li>• IP65</li><li>• Lockable</li><li>• Only 10.6kg / 23.4 lbs</li></ul>	 <ul style="list-style-type: none"><li>• Chart Ø223 / 9"</li><li>• Only 6.4kg / 14.1 lbs</li></ul>	 <ul style="list-style-type: none"><li>• Chart Ø300 / 12"</li><li>• Only 10.6kg / 23.4 lbs</li></ul>
<p>Portable, flush or wall mounted Case and wetted parts 316L Stainless Steel ATEX c c II 2G c or II 2D c compliant</p>			<ul style="list-style-type: none"><li>• Original Peli™ Case</li><li>• Vortex valve™</li><li>• IP67</li><li>• Reinforced Padlock Protectors</li><li>• Virtually indestructible</li><li>• Lightweight design</li><li>• Meets airline carry-on regulations</li></ul>	
<p>• Zero adjustable pointer • Standard 100 charts included • Standard extra felt tip pen</p>				



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## SCOPE OF SUPPLY

- Explosion Proof Type and Weatherproof Type Lightings Fittings and Control Boxes

### Explosion Proof Type LED Lighting Fittings (Zone1&2)

### LED Floodlight



LZWA



LZIB









LZIB (Floodlight)



LZAB



LCTX

<p>One-unit wall-mounted type ZE1A</p>  <p>Hazardous Area Zone 1/2 Type of protection Exde ICT15 Degree of protection IP 65</p>	<p>Two-unit wall-mounted type ZE2A</p>  <p>Hazardous Area Zone 1/2 Type of protection Exde ICT15 Degree of protection IP 65</p>	<p>Five-unit wall-mounted type ZE5A</p>  <p>Hazardous Area Zone 1/2 Type of protection Exde ICT15 Degree of protection IP 65</p>
<p>Six-unit wall-mounted type ZE6A</p>  <p>Type of protection Exde ICT15 Degree of protection IP 65</p>	<p>Nine-unit wall-mounted type ZE9A</p>  <p>Type of protection Exde ICT15 Degree of protection IP 65</p>	<p>24-unit wall-mounted type ZECA</p>  <p>Type of protection Exde ICT15 Degree of protection IP 65</p>

<p>Ammeter/ Frequency Meter</p> 	<p>Pushbutton Switch</p> 	<p>Pin Lock Pushbutton Switch</p> 	<p>Push Lock Pushbutton Switch</p> 
<p>Indicator</p> 	<p>Selector Switch</p> 	<p>Keyed Selector Switch</p> 	<p>Cam Switch</p> 
<p>Buzzer</p> 	<p>Variable Resistor</p> 	<p>Fall-safe Guard</p> 	<p>Fall-safe Cover (Switch Type)</p> 

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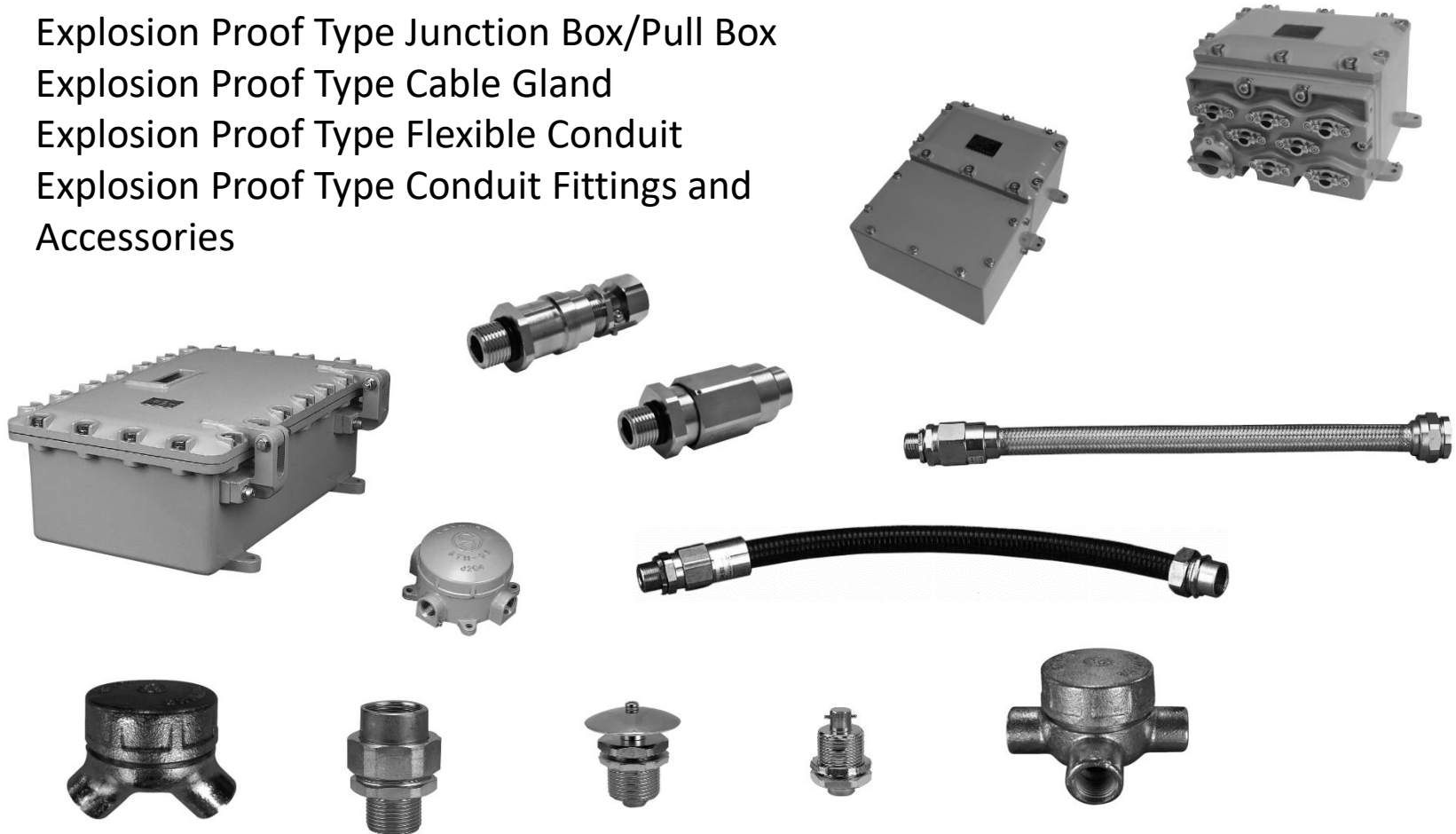
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## SCOPE OF SUPPLY

- Explosion Proof Type Junction Box/Pull Box
- Explosion Proof Type Cable Gland
- Explosion Proof Type Flexible Conduit
- Explosion Proof Type Conduit Fittings and Accessories



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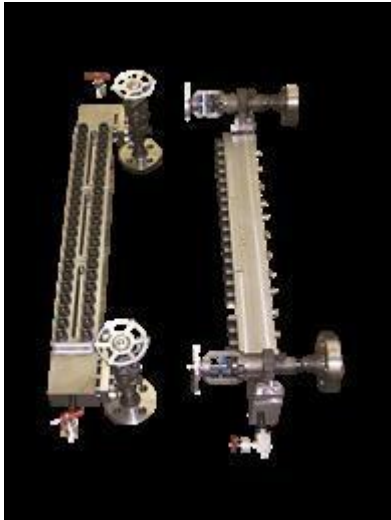
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## SCOPE OF SUPPLY

- Direct Reading Liquid Level Gage
- Magnet Float Type Level Gage
- Level Switch
- Boiler Water Level Gage
- Glass for Liquid Level Gage



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