

Reliability, durability, quality – a new class in sanitary temperature measurement

TSB – One Temperature sensor for All

The new temperature class

With its flexibility, performance and unparalleled reliability and durability, the new TSB sets new standards in temperature measurement.

- Process temperature range: -50...350 °F (-45...176 °C)
- Improved measuring accuracy: < ±0.1 K
- Higher ambient temperature resistance: 185 °F (85°C)
- One-piece design completely in stainless steel: lasting stability and application reliability



The Flex-Hybrid technology with IO-Link and 4...20 mA combines the best of both worlds: Data can be transmitted in digital or analog mode.

- Flexible plug & play communication: installation and commissioning save both time and costs
- Simple individual programming with IO-Link master, e.g. changing the measuring range or two-point adjustment using offset and span
- Sensor replacement is easier than ever before thanks to the "Smart Replace Design" with automatic sensor identification, configuration, and parameterization through IO-Link

Fully modular and TFP compatible

Thanks to the **completely modular concept**, you can configure **your individual sensor** in just a few steps.

- For **new equipment**, Flex-Hybrid technology offers maximum flexibility and sustainability.
- For retrofitting, TSB can replace any TS sensor in existing installations - with all additional benefits
- For the replacement of third-party devices, a suitable model is always possible due to the large selection of process adaptations and maximum flexibility in the configuration

Also available as mini version TSM



Technical specification at a glance

- · One Temperature sensor for all applications
- Flex-Hybrid Technology with digital + analog interface (IO-Link + 4...20 mA)
- Modular Design: step-by-step configuration from the economic basic version to the high-end model
- · Available with up to two integrated transmitters
- · Head orientation vertical or horizontal,
- · Optional LCD Display with programming function
- · Insertion length 1...43 inch
- · Slim sensor tip for reduced response time
- · Protection class IP 69K for max. application safety
- Two-point calibration possible using offset and span

Configurable design for Maximum flexibility



SENSORS FOR FOOD AND LIFE SCIENCE.



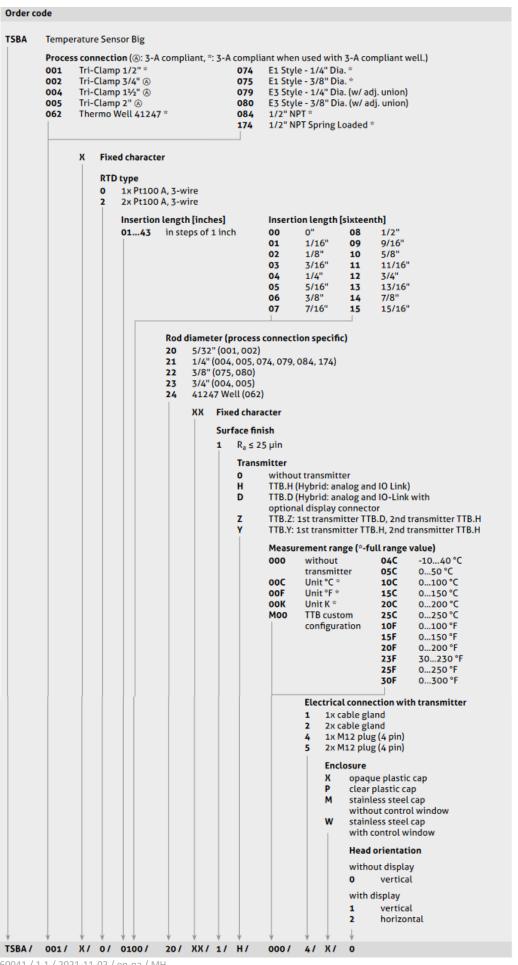
Accessory: IOM-01

IO-Link Master with USB

Negele IO-Link devices

connection for control and

programming of all Anderson-



60041 / 1.1 / 2021-11-02 / en-na / MH

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