

Reliability, durability, quality – a new class in hygienic temperature measurement TSM – One Temperature sensor for All

### Flex-Hybrid Technology: IO-Link and 4...20 mA

The Flex Hybrid Technology with IO-Link and 4...20 mA combines the best of two worlds: Data can be transmitted from the sensor in digital, analog, or parallel mode.

- Thanks to its flexible plug & play communication, installation and commissioning are time- and costsaving.
- Simple individual programming with IO-Link Master,
   e.g., for changing the measuring range or for two-point calibration using offset and span
- Sensor replacement is easier than ever before, thanks to the "Smart Replace Design" with automatic sensor identification, configuration, and parameter setting.

### The new standard for temperature

The Anderson-Negele temperature sensors are already synonymous with quality, reliability, and durability. The new TSM series can outperform even this:

- Extended process temperature range: -50...350 °F
- Considerably improved measuring accuracy: < ±0.1 K</li>
- Higher ambient temperature resistance: 185 °F
- Robust One-piece design entirely in stainless steel:
   Long-term stability and application reliability

## Consistently configurable and compatible

Thanks to the **completely configurable concept**, you can design **your individual sensor** in just a few steps. Nearly all combinations are possible.

- For new equipment, Flex-Hybrid technology offers maximum flexibility and sustainability.
- For retrofitting, TSM can replace any TSMU mini-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

Alternative Version: TSB (Ø 2.1") with extended functions



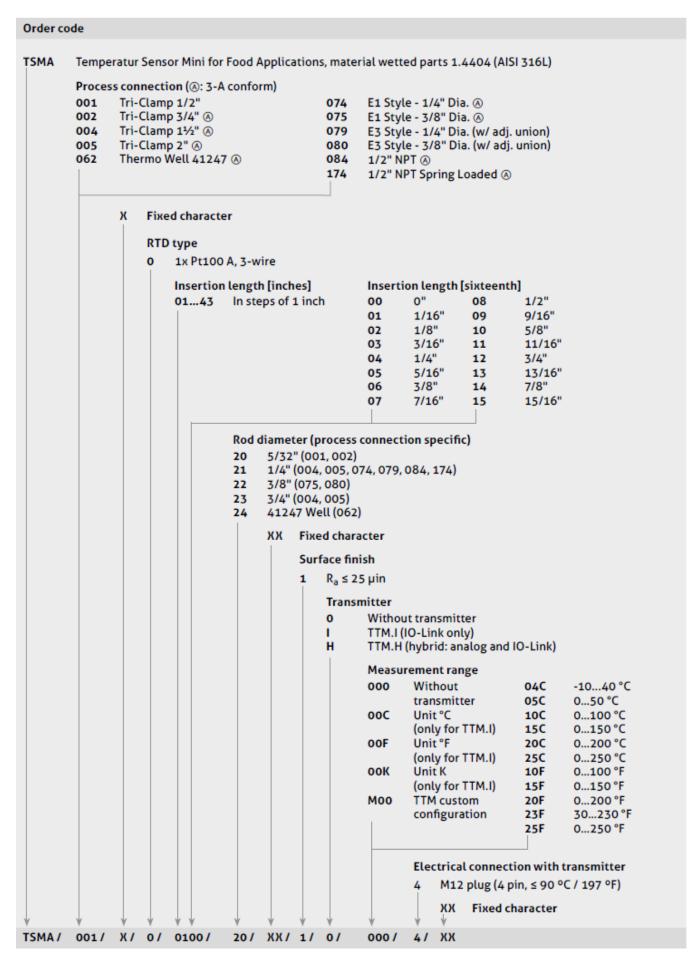
#### Technical specification at a glance

- · One Temperature sensor for all applications
- · Extremely compact Mini version (Head Ø 0.7")
- Flex-Hybrid Technology with digital + analog interface (IO-Link + 4...20 mA)
- Configurable Design: step-by-step selection from the economic basic version to the high-end model
- · Insertion length 0...43 " (0"...15/16")
- · Version for flush installation available
- Installation with thermowell possible, thus sensor removal without process opening
- · Protection class IP 69K for max. application safety
- $\cdot$   $\,$  Two-point calibration possible using offset and slope

# Configurable design: Maximum flexibility for simplified individualization







60039 / 1.2 / 2024-07-05 / en-na / MH

ANDERSON-NEGELE 156 Auriesville Road Fultonville, NY 12072 Phone: 800-833-0081 Fax: 518-922-8997 info@anderson-negele.com Technical Support techservice@anderson-negele.com Phone: 800-833-0081