

SITRANS T3K PA

# Product Data Sheet

**7NG3213-0NN00**

SITRANS T3K PA temperature transmitter

| FUNCTION                               | FAMILY         | ORIGIN  | WEIGHT  |
|----------------------------------------|----------------|---------|---------|
| SITRANS T3K PA temperature transmitter | SITRANS T3K PA | Germany | 0.25 kg |

Siemens 7NG3213-0NN00 is a SITRANS T3K PA temperature transmitter for the SITRANS T3K PA. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                       |                                            |
|-----------------------|--------------------------------------------|
| Sensor fault response | Configurable transmitter diagnostic status |
| Communication         | PROFIBUS PA                                |
| Explosion protection  | Without explosion protection               |
| Input sensors         | RTD and thermocouple                       |
| Additional inputs     | Resistance and millivolt                   |
| Galvanic isolation    | Input to bus isolated                      |
| Bus power             | PROFIBUS PA powered                        |
| Housing material      | PA6 GF20 plastic                           |
| PROFIBUS profile      | PA device profile                          |
| Supported RTD types   | Pt, Ni and resistance sensors              |

## ADDITIONAL PRODUCT DATA

|                           |                                      |
|---------------------------|--------------------------------------|
| Supported thermocouples   | Common industrial thermocouple types |
| Additional input          | Millivolt source                     |
| Maximum conductor section | 2.5 mm <sup>2</sup>                  |
| Mounting form             | DIN B sensor connection head         |
| Diagnostic functions      | Sensor break and transmitter status  |

## OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

## SYSTEM COMPATIBILITY

Match 7NG3213-0NN00 to the installed SITRANS T3K PA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

[Siemens official technical documentation for 7NG3213-0NN00](#)

Applicable manufacturer documentation retained in Manuals & support

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