

Selection and Ordering data

Order No.

Temperature transmitter SITRANS TH200

for installation in connection head, type B (DIN 43729), two-wire system, 4 ... 20 mA, programmable, with electrical isolation

- Without explosion protection ▶ C) **7NG3211-1NN00**
- With explosion protection
 - to ATEX ▶ C) **7NG3211-1AN00**
 - to FM (cFM_{US}) ▶ C) **7NG3211-1BN00**

Further designs

Further designs	Order code
Add "-Z" to Order No. and specify Order code(s)	
With test protocol (5 measuring points)	C11
Functional safety SIL2	C20
Functional safety SIL2/3	C23

Customer-specific programming

Customer-specific programming	Order code
Add "-Z" to Order No. and specify Order code(s)	
Customer specific programming, specify measuring range in plain text	Y01¹⁾
Measuring point no. (TAG), max. 8 characters	Y17¹⁾
Measuring point descriptor, max. 16 characters	Y23¹⁾
Measuring point message, max. 32 characters	Y24¹⁾
Pt100 (IEC) 2-wire, R _L = 0 Ω	U02¹⁾
Pt100 (IEC) 3-wire	U03¹⁾
Pt100 (IEC) 4-wire	U04¹⁾
Thermocouple type B	U20¹⁾
Thermocouple type C (W5)	U21¹⁾
Thermocouple type D (W3)	U22¹⁾
Thermocouple type E	U23¹⁾
Thermocouple type J	U24¹⁾
Thermocouple type K	U25¹⁾
Thermocouple type L	U26¹⁾
Thermocouple type N	U27¹⁾
Thermocouple type R	U28¹⁾
Thermocouple type S	U29¹⁾
Thermocouple type T	U30¹⁾
Thermocouple type U	U31¹⁾
With TC: CJC internal	U40¹⁾
With TC: CJC external (Pt100, 3-wire)	U41¹⁾
With TC: CJC external with fixed value, specify in plain text	Y50¹⁾
Special differing customer-specific programming, specify in plain text	Y09¹⁾²⁾
Fail-safe value 3.6 mA (instead of 22,8 mA)	U36¹⁾

Accessories

Order No.

Modem for SITRANS TH100, TH200 and TR200 incl. SIPROM T parameterization software	▶	7NG3092-8KU
With USB connection		
CD for measuring instruments for temperature	▶	A5E00364512
With documentation in German, English, French, Spanish, Italian, Portuguese and SIPROM T parameterization software		
DIN rail adapters for head transmitters	▶	7NG3092-8KA
(Quantity delivered: 5 units)		
Connecting cable		7NG3092-8KC

4-wire, 150 mm, for sensor connections when using head transmitters in the high hinged cover (set with 5 units)

▶ Available ex stock.

- 1) Y01 is mandatory for any customer-specific programming. Additionally with Y01 the data of the customer-specific programming are printed on the product.
- 2) If needed, here you can mention settings, which cannot be specified with existing order codes.

C) Subject to export regulations AL: N, ECCN: EAR99.

Supply units see Chap. 8 "Supplementary Components".

Ordering example 1:

7NG3211-1NN00-Z Y01+Y17+U03
 Y01: 0...100 C
 Y17: TICA123

Ordering example 2:

7NG3211-1NN00-Z Y01+Y23+ U25+U40
 Y01: 0...100 C
 Y23: TICA1234HEAT

Factory setting:

- Pt100 (IEC 751) with 3-wire circuit
- Measuring range: 0 ... 100 °C (32 ... 212 °F)
- Fault current: 22.8 mA
- Sensor offset: 0 °C (0 °F)
- Damping 0.0 s