Selection and Ordering data
Order No.

SITRANS TH100 temperature transmitters for Pt100
for installation in connection head, type B (DIN 43729), two-wire system, 4 ... 20 mA, programmable, without electrical isolation

• Without explosion protection	► C)	**7NG3211-0NN00**
• With explosion protection "Intrinsic safety" type of protection and for zone 2		
- to ATEX	► C)	**7NG3211-0AN00**
- to FM ($_c$FM$_{US}$)	► C)	**7NG3211-0BN00**

Further designs
Order code

Add "-Z" to Order No. and specify Order code(s)

Test report (5 measuring points)	**C11**

Customer-specific programming
Add "-Z" to Order No. and specify Order code(s)

Customer specific programming, specify **measuring range** in plain text	**Y01**[1]
Measuring point no. (TAG), max. 8 characters	**Y17**[1]
Measuring point descriptor, max. 16 characters	**Y23**[1]
Pt100 (IEC) 2-wire, $R_L = 0\ \Omega$	**U02**[1]
Pt100 (IEC) 3-wire	**U03**[1]
Pt100 (IEC) 4-wire	**U04**[1]
Special differing customer-specific programming, specify in plain text	**Y09**[1)2]
Fail-safe value 3.6 mA (instead of 22,8 mA)	**U36**[1]

Accessories
Order No.

Modem for SITRANS TH100, TH200 and TR200 incl. SIPROM T parameterization software With USB connection	►	**7NG3092-8KU**
CD for measuring instruments for temperature With documentation in German, English, French, Spanish, Italian, Portuguese and SIPROM T parameterization software	►	**A5E00364512**
DIN rail adapters for head transmitters (Quantity delivered: 5 units)	►	**7NG3092-8KA**
Connecting cable 4-wire, 150 mm, for sensor connections when using head transmitters in the high hinged cover (set with 5 units)		**7NG3092-8KC**

► Available ex stock.

[1] Y01 is madatory 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

7NG3211-0NN00-Z Y01+Y23+U03
Y01: 0...100 C
Y23: TICA1234HEAT

Factory setting:
• Pt100 (IEC 751) with 3-wire circuit
• Measuring range: 0 … 100 °C (32 … 212 °C)
• Error signal in the event of sensor breakage: 22.8 mA
• Sensor offset: 0 C (0 °F)
• Damping 0.0 s