

Selection and Ordering data		Order No.
<b>SITRANS TH100 temperature transmitters for Pt100</b> for installation in connection head, type B (DIN 43729), two-wire system, 4 ... 20 mA, programmable, without electrical isolation		<b>7NG3211-0NN00</b>  <b>7NG3211-0AN00</b> <b>7NG3211-0BN00</b>
<ul style="list-style-type: none"> <li>Without explosion protection</li> </ul>	►	
<ul style="list-style-type: none"> <li>With explosion protection "Intrinsic safety" type of protection and for zone 2               <ul style="list-style-type: none"> <li>to ATEX</li> <li>to FM (cFM<sub>US</sub>)</li> </ul> </li> </ul>	► ►	
<b>Further designs</b>		Order code
Add "-Z" to Order No. and specify Order code(s)		
Test report (5 measuring points)		<b>C11</b>
<b>Customer-specific programming</b>		
Add "-Z" to Order No. and specify Order code(s)		
<b>Measuring range to be set</b> Enter in plain text (max. 5 digits): Y01: ... to ... °C, °F  Measuring point no. (TAG), max. 8 characters Measuring point descriptor, max. 16 characters  Pt100 (IEC) 2-wire, R <sub>L</sub> = 0 Ω Pt100 (IEC) 3-wire Pt100 (IEC) 4-wire Special differing customer-specific programming, specify in plain text Fail-safe value 3.6 mA (instead of 22,8 mA)		<b>Y01<sup>1)</sup></b>   <b>Y17<sup>1)</sup></b> <b>Y23<sup>1)</sup></b>  <b>U02<sup>1)</sup></b> <b>U03<sup>1)</sup></b> <b>U04<sup>1)</sup></b> <b>Y09<sup>2)</sup></b>  <b>U36<sup>1)</sup></b>
<b>Accessories</b>		Order No.
<b>Modem for SITRANS TH100, TH200 and TR200 incl. SIPROM T parameterization software</b> With USB connection		► <b>7NG3092-8KU</b>
<b>CD for measuring instruments for temperature</b> With documentation in German, English, French, Spanish, Italian, Portuguese and SIPROM T parameterization software		► <b>A5E00364512</b>
<b>DIN rail adapters for head transmitters</b> (Quantity delivered: 5 units)		► <b>7NG3092-8KA</b>
<b>Connecting cable</b> 4-wire, 150 mm, for sensor connections when using head transmitters in the high hinged cover (set with 5 units)		<b>7NG3092-8KC</b>

► Available ex stock.

- 1) Here, you enter the initial and final value of the desired measurement range for customer-specific programming for RTD and TC.  
 2) If needed, here you can mention settings, which cannot be specified with existing order codes (e.g.: programming for mV, Ω).

**Supply units** see Chap. 7 "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