

Selection and Ordering data		Order No.	Accessories	Order No.	
Temperature transmitter SITRANS TH300			CD for measuring instruments for temperature	A5E00364512	
for installation in connection head, type B (DIN 43729), two-wire system 4 ... 20 mA, communication capable to HART, with galvanic isolation			With documentation in German, English, French, Spanish, Italian, Portuguese and SIPROM T parameterization software		
• Without explosion protection	►	7NG3212-0NN00	HART modem		
• With explosion protection			• With RS 232 connection		► 7MF4997-1DA
- to ATEX	►	7NG3212-0AN00	• With USB connection		► 7MF4997-1DB
- to FM (C _{FMUS})	►	7NG3212-0BN00	SIMATIC PDM operating software	See Chapter 8	
<i>Further designs</i>		Order code	DIN rail adapters for head transmitters	7NG3092-8KA	
Add "-Z" to Order No. and specify Order code(s)			Connecting cable	7NG3092-8KC	
with test protocol (5 measuring points)		C11	4-wire, 150 mm, for sensor connections when using head transmitters in the high hinged cover (set with 5 units)		
Functional safety SIL2		C20	► Available ex stock.		
Functional safety SIL2/3		C23			
<i>Customer-specific programming</i>					
Add "-Z" to Order No. and specify Order code(s)					
Measuring range to be adjusted in plain text (max. 5 characters) Y01: ... bis ... °C, °F		Y01¹⁾	1) Y01 is madatory for any customer-specific programming. Additionally with Y01 the data of the customer-specific programming are printed on the product.		
Measuring point no. (TAG), max. 8 characters		Y17¹⁾	2) If needed, here you can mention settings, which cannot be specified with existing order codes (e.g.: programming for mV, Ω).		
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		Y09²⁾			
Fail-safe value 3.6 mA (instead of 22,8 mA)		U36¹⁾			

<u>Ordering example 1:</u> 7NG3212-0NN00-Z Y01+Y17+U03 Y01: -10 ... +100 °C Y17: TICA123	
<u>Ordering example 2:</u> 7NG3212-0NN00-Z Y01+Y23+ U25+U40 Y01: -10 ... +100 °C Y23: TICA1234HEAT	
<u>Factory setting:</u> <ul style="list-style-type: none">• 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	