

Selection and Ordering data		Order no.	Order code
Pipe collar Pt100 thermometer		7 MC 8 0 1 6 - 0	0
Type of connection			
Connector M12 x 1			A
Connection head form B, stainless steel			B
Mounting with pipe collar			
Outer pipe diam; mm (inch)	Collar size; mm (inch)		
4 (0.16)			A1
6 (0.24)			B1
6,35 (0.25)			C1
8 (0.31)			D1
9,35 (0.37)			E1
10 (0.39)			F1
10,2 (F)			G1
10,3 (0.41)			H1
12 (0.47)	50 x 35 x 20		J1
12,7 (0.50)	(1.97 x 1.38 x 0.79)		K1
13 (0.51)			L1
13,5 (0.53)			M1
13,7 (0.54)			N1
14 (0.55)			P1
15,88 (0.62)			Q1
16 (0.63)			R1
17,2 (0.68)			S1
18,0 (0.71)			A2
19,0 (0.74)			B2
19,05 (0.75)			C2
20,0 (0.79)			D2
21,3 (0.84)			E2
22,0 (0.87)			F2
23,0 (0.90)			G2
24,0 (0.94)			H2
25,0 (0.98)			J2
25,4 (1.00)			K2
26,7 (1.05)			L2
26,9 (1.06)	70 x 70 x 20		M2
28,0 (1.10)	(2.76 x 2.76 x 0.79)		N2
29,0 (1.14)			P2
30,0 (1.18)			Q2
31,8 (1.25)			R2
32,0 (1.26)			S2
33,4 (1.31)			T2
33,7 (1.33)			U2
34,0 (1.34)			V2
35,0 (1.38)			W2
36,0 (1.42)			X2
38,0 (1.49)			Y2
38,1 (1.50)			A3
41,0 (1.61)			B3
42,4 (1.67)			C3
44,5 (1.75)			D3
48,3 (1.90)	90 x 85 x 20		E3
50,8 (2.00)	(3.54 x 3.35 x 0.79)		F3
53,0 (2.09)			G3
54,0 (2.13)			H3
57,0 (2.24)			J3
Special size ¹⁾			Z0
			K1 Y

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Pipe collar Pt100 thermometer		7 MC 8 0 1 6 - 0	0
Mounting with strap			
Outer pipe diam. mm (inch)	Strap size mm (inch)		
50 ... 60 (1.97 ... 2.36)	50/70 (1.97/2.76)		A7
60 ... 75 (2.36 ... 2.95)	60/80 (2.76/3.15)		B7
75 ... 85 (2.95 ... 3.35)	70/90 (1.97/3.54)		C7
85 ... 105 (3.35 ... 4.13)	90/110 (3.54/4.33)		D7
105 ... 125 (4.13 ... 4.92)	110/130 (4.33/5.12)		E7
125 ... 155 (4.92 ... 6.10)	125/160 (4.92/6.30)		F7
155 ... 200 (6.10 ... 7.87)	155/200 (6.10/7.87)		G7
Without strap			H7

Selection and Ordering data		Ord. code
Further designs		
Add "-Z" to Order No. and specify Order Code.		
Transmitter (only connection type available: connection head)		
TH100		T10
TH100 Ex		T11
TH200		T20
TH200 Ex		T21
TH300		T30
TH300 Ex		T31
TH400 PA		T40
TH400 PA Ex		T41
TH400 FF		T45
TH400 FF Ex		T46
Customer-specific setting of the built-in transmitter (specify settings in plain text) (for technical specifications of the transmitter, see chapter "SITRANS T measuring instruments for temperature")		Y11
Other cable gland (only for connection head)		
Polyamide for cable diameter 4,5 ... 10 mm (0.18 ... 0.39 inch)		K02
Stainless steel for cable diameter 3 ... 6,5 mm (0.12 ... 0.25 inch)		K03
Round connector M12 x 1		K11
With explosion protection "Intrinsic safety" (available soon)		
II 1GD Ex ia IIC T6/T4		E01
Deviating pipe; mm (inches)	Collar size; mm (inch)	
4 ... 17,9 (0.16 ... 0.70)	50 x 35 (1.97 x 1.38)	S11
18 ... 38 (0.71 ... 1.49)	70 x 70 (2.76 x 2.76)	S12
38,1 ... 57 (1.5 ... 2.24)	90 x 85 (3.54 x 3.35)	S13
Larger nominal diameters on request		S19
Space-saving mounting (latch fastening)		
Outer pipe; mm (inch):		
6 ... 17,2 (0.24 ... 0.68)		S21
18 ... 35 (0.71 ... 1.38)		S22
38 ... 50,8 (1.45 ... 2.00)		S23

Selection and Ordering data	Ord. code
Further Options	
Assignment marking, engraving instead of adhesive label (Serial number and pipe diameter on plug and plastic block)	L11
Sensor 4-wire connection	L14
Heat-conductive-compound, silicone-free, syringe 3 g	L15
Suffixes	
Please add "-Z" to Order No. and specify Order code(s) and plain text.	
Transmitter, specify complete setting in plain text	Y01
TAG plate made of stainless steel (specify TAG No. in plain text)	Y15
Test report at 50 % and 100 % (specify the measuring range in plain text)	Y33
If optional head transmitters are integrated, please note that all calibration points are located in the set measuring range. If the points are located outside the standard measuring range, a Y11 addition is always required.	
Special version, specify in plain text	Y99
1) Special sizes for pipe outer diameters: In order to process "Z0" special sizes, the following two additional items of information are essential: - the required diameter specified in plain text under "K1Y" - Selection of the corresponding pipe collar or latch fastener size Order codes "S11" to "S23")	

Selection and Ordering data	Order No.
Accessories	
Modem for SITRANS TH100 and TH200 incl. parameterization software SIPROM T	
With USB connection	7NG3092-8KU
With RS 232 connection	7NG3092-8KM
HART modem	
With RS 232 connection	7MF4997-1DA
With USB connection	7MF4997-1DB
SIMATIC PDM operating software, see "Communication and Software"	
CD for measuring instruments for temperature	A5E00364512
wiht documentation in German, English, French, Spanisch, Italian, Portuguese and SIPROM T parameterization software	

Power supply units see "SITRANS I supply units and isolation amplifiers".