#### Technical Information TI 197T/02/en

# RTD Thermometer omnigrad TST289

Heavy duty - General purpose M.I. replaceable inset male connection to thermowell























#### Description

TST289 RTD thermometer assembly includes a replaceable single or double Pt100 inset, in mineral insulated cable, which can be selected between standard or glass version (for high vibration level application). From the TET family, the inset is available either with free wires for head transmitter mounting or with terminal board.

The terminal head can be selected from a wide choice of standard items (see the Order key or TA20 Technical Information for more details). TST289 is suitable for bar stock and



welded tube thermowells with female connection (refer to TA500 series).

#### Application

TST289 RTD thermometer range covers a wide variety of market requirements worldwide. It is widely used in many heavy duty applications either in vessels or in pipes. Typical applications can be found in the chemical industry, petroleum refineries, power stations, boilers, incinerators and everywhere a standard mechanical resistance is sufficient.

Quality made by Endress+Hauser



Endress+Hauser



### **Technical data**

# HC SPANASCO TET inset

#### **Mineral Insulated Replaceable Inset**

Sensing element: Tolerances: Wiring: Insulation resistance: Electrical connections: Platinum resistance, 1 or 2 x Pt100  $\Omega$  at 0°C class A or B to IEC 751, 1/3 DIN B 3 or 4 wire connections  $\geq 100 \text{ M}\Omega$ , test voltage 250 V at ambient temperature washer with 45 or 70 mm wires or terminal board

Model	Sheath diameter	RTD element	Operating temperature	Response time values <sup>1</sup> (s)	
	(mm)	type	(°C)	T50	T90
<b>TET100</b>	6	standard	-200 ÷ +600	3.5	8
TET102	6	glass	-50 ÷ +400	3.5	8
<b>TET105</b>	3	standard	-50 ÷ +400	3	6
TET107	3	glass	-50 ÷ +400	3	6
<b>TET200</b>	2 x 3	standard	-50 ÷ +400	3	6

Table A

Notes: [1] according to IEC 751, in moving water at 0.4 m/s

Stem: Sheath: Replacement: mineral insulated cable AISI 316L / W.1.4404 inset length IL is calculated as follows

Terminal head version	TET100/102/105/107/200 Inset length IL
TA20 <sup>(*)</sup>	L + 45 mm <sup>(**)</sup>
TA20G/M	L + 60 mm

#### Table B

Notes: (\*) All models except for TA20G and TA20M (\*\*) L = Insertion length

Refer also to Note [1] in the Order key

#### Thermowell connection

Engaging thread	Threaded	C (mm)
	1/4" NPT	6
	3/8" NPT	6
	1/2" NPT	8
	3/4" NPT	8,5
. L	1" NPT	10
1	G 1/4"	10
	G 3/8"	12
	G 1/2" DIN 43763	15
GAS	G 1/2"	15
	G 3/4"	15
L	G 1"	20
ß	M20 DIN 16179	15

Table C

#### **Protecting tube**

Version: Insertion length: TA500 thermowell series insertion length L is calculated as follows L = A - D where

A = Thermowell nominal length

D = Thermowell bottom thickness

#### **Terminal head**

Version: Protection class: Electrical connections: refer to Order key typical IP55 PG11, PG16, 1 or 2 x 1/2" NPT, 3/4" NPT, G 1/2" depending on head version

## **Order key**

- Each TST289 RTD thermometer must be ordered with corresponding thermowell selected from TA500 series.
  Note [1]: Insertion length L is intended as delivered, without any compression length considered. Thermowells which will be applied should consider that an inset compression length inside the themowell of at least 3 mm is required. Thermowell bore depth should be 3 mm shorter than insertion length L.
  For inset replacement see Technical data.
  Accuracy statement is referred to the replaceable inset only as defined by IEC 751 without any protecting thermowell which may introduce thermal drift due to
- thermowell which may introduce thermal drift due to process connection heat dissipation in conjunction to short immersion lenghts. For a correct temperature measurement the thermowell immersion length must be 20 times its diameter. Shorter immersion lengths can be supplied but the thermometer requires an external (thermowell connection and connection head) thermal insulation.







## TST289 RTD Thermometer - Heavy duty - General purpose M.I. replaceable inset - With male connection to thermowell

A. 115 mm C. 200 mm H. 480 mm K. 500 mm H. 480 mm K. 500 mm H. 480 mm K. 500 mm H. 480 mm	Linsertion length L <sup>[1]</sup> U - 100 mm				
C - 230 mm G - 430 mm M - 690 mm D - 270 mm H - 480 mm D - 430316L W 1 4400, 16 M PT BE - 433316L W 1 4404 (5 1/2 DD - 4303176L W 1 4400, 16 M PT DD - 433316L W 1 4404 (5 1/2 DD - 4303176L W 1 4400, 16 M PT DD - 533316L W 1 4404 (5 1/2 DD - 4303176L W 1 4400, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 4303176L W 1 4404, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 430316L W 1 4404, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 430316L W 1 4404, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 430316L W 1 4404, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 430316L W 1 4404, 15 M PT DT - 53316L W 1 4404 (5 1/2 DD - 430316L W 1 4404, 15 M PT DT - 53316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm A3316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4404 (15 M PT 0) 3 - 50400 D 3 mm W 100 Cabe - 430316L W 1 4004 (15 M PT 0) 3 - 50400 H TD 10 Cabe 3 A W 100 A W		A - 115 mm E - 330 mm K - 510 mm			
Material and type of process connection Bit - AISISTER, W1: 4404, G147         DM - AISISTER, W1: 4404, 167 NPT DM - AISISTER, W1: 4404, G147           DC - AISISTER, W1: 4404, G147         DM - AISISTER, W1: 4404, 172 NPT DD - AISISTER, W1: 4404, G347         DO - AISISTER, W1: 4404, 172 NPT DD - AISISTER, W1: 4404, G347           DF - AISISTER, W1: 4404, G127         DD - AISISTER, W1: 4404, 172 NPT DD - AISISTER, W1: 4404, G347         DD - AISISTER, W1: 4404, 172 NPT DD - AISISTER, W1: 4704, 170 NPT DD - AISISTER, W1: 470 NPT DD - AISISTER, W1: 4704, 170 NPT DD -		C - 230 mm G - 420 mm M - 690 mm			
BE - AlStite IW 14.671, G 1/2 Std. DIN DL - AlStite IW 14.404, 1/6 MPT DC - AlStite IW 14.404, G 1/2 DN - AlStite IW 14.404, 1/2 MPT DC - AlStite IW 14.404, G 1/2 DN - AlStite IW 14.404, 1/2 MPT DF - AlStite IW 14.404, G 1/2 DN - AlStite IW 14.404, 1/2 MPT DF - AlStite IW 14.404, G 1/2 DN - AlStite IW 14.404, 1/2 MPT DF - AlStite IW 14.404, G 1/2 DN - AlStite IW 14.404, 1/ET 00/01/02 3 - Sheath DD, 3 mm - AlStite IW.14.404 (TET 100/102) 3 - Sheath DD, 3 mm - AlStite IW.14.404 (TET 200 only) Version of RTD Inset 1 - weaker with 45 mm wites 2 - AlStite IW 14.404 (TET 100/102) 3 - Sheath DD, 8 mm - AlStite IW.14.404 (TET 200 only) Version of RTD Inset 1 - weaker with 45 mm wites 2 - standard RTD P 1100, class B, 3 wires D - standard RTD P 1100, class B, 3 wires D - standard RTD P 1100, class B, 3 wires D - standard RTD P 1100, class B, 3 wires D - standard RTD P 1100, class B, 3 wires D - standard RTD P 1100, class J, 3 Unive B - standard RTD P 1100, class J, 3 Unive B - standard RTD P 1100, class A - Wires C - standard RTD P 1100, class A - Mires D - standard RTD P 1100, class J, 3 Unive B - standard RTD P 1100, class J, 3 Unive B - standard RTD P 1100, class A - Wires C - standard RTD P 1100, class A - Wires C - standard RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - glass RTD P 1100, class A - Wires C - TA200, MAXA I, 5 pr0, A, IP65 C - TA200, MAXA I, 5 pr0, A, IP65 C - TA200, MAXA I, 5 pr0,	L				
DD - AISI316L.W1.1440, 617         DP - AISI316L.W1.1440, 197           DH - AISI316L.W1.14401, 617         DZ - AISI316L.W1.14401, MCRX15 DINIE172]           Price for 100 mmol finaerton length DI - Sheath DD 3 mm - AISI316L.W1.14404 (TET105/107)         3           3 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           4 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           5 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           6 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           6 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           7 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           8 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.14404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mm - AISI316L.W1.4404, 1001         3           9 - Sheath DD 3 mmol DD 1001         3           9 - Sheath DD 2 mol DD 1001         3           9 - Sheath DD 1001         1001001           10 - Shea		BE - AISI316Ti/W.1.4571, G 1/2" Std. DIN         DL - AISI316L/ W.1.4404, 1/4" NPT           DB - AISI316L/W.1.4404, G 1/4"         DM - AISI316L/ W.1.4404, 3/8" NPT			
D-1-AISJ316L.W1.4404, M20X1.5 DINI6179]         Price for 100 mor insertion length L         1 - Sheath O.D. 3 mm - AISJ316L.W1.4404 (TET105/107)         3 - Sheath O.D. 6 mm - AISJ316L.W1.4404 (TET1200 only)         Version of RTD inset         1 - weather with 45 mm wires         2 - Insertion of RTD inset         1 - weather with 45 mm wires         2 - Insertion of RTD inset         1 - weather with 45 mm wires         2 - Insertion of RTD inset         1 - weather RTD P 1100, class B, 3 wires         2 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         1 - standard RTD 1 P1100, class B, 3 wires         2 - standard RTD 1 P1100, class B, 3 wires         1 - glass RTD 1 P100, class B, 3 wires         2 - glass RTD 1 P100, class B, 3 wires         2 - glass RTD 1 P100, class B, 3 wires         2 - glass RTD 1 P100, class A A wires         3 - glass RTD 1 P100, class A A wires		DD - AISI316L/W.1.4404, G 1/2" DP - AISI316L/ W.1.4404, 3/4" NPT			
<ul> <li>Price for 100 mm of insertion length L</li> <li>Sheath O.D. 5 mm - AlSi31ELW1.14404 (TET100/102)</li> <li>Sheath O.D. 5 mm - AlSi31ELW1.14404 (TET200 only)</li> <li>Version of RTD inset</li> <li>- washer with 5 mm wrice</li> <li>- washer with 5 mm wrice</li> <li>- washer with 50 mm wrice (70.8 150 mm for 2 P1100)</li> <li>- standard With 50 mm wrice (70.8 150 mm for 2 P1100)</li> <li>- standard RTD 2 P1100, class B, 4 wrice</li> <li>- standard RTD 2 P1100, class B, 4 wrice</li> <li>- standard RTD 2 P1100, class B, 4 wrice</li> <li>- standard RTD 2 P1100, class B, 4 wrice</li> <li>- standard RTD 2 P1100, class A, 3 wrice</li> <li>- standard RTD 2 P1100, class A, 4 wrice</li> <li>- standard RTD 2 P1100, class IA JUN, 3 wrices</li> <li>R standard RTD 2 P1100, class IA JUN, 3 wrices</li> <li>R standard RTD P1100, class IA JUN, 3 wrices</li> <li>TET200 Double standard RTD</li> <li>- visit and RTD P1100, class IA JUN, 3 wrices</li> <li>- standard RTD P1100, class IA JUN, 3 wrices</li> <li>- standard RTD P1100, class IA JUN, 3 wrices</li> <li>- standard RTD P1100, class IA JUN, 3 wrices</li> <li>- standard RTD P1100, class IA JWres</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 3 wrices</li> <li>- glass RTD P1100, class IA JUN, 4 wres</li> <li>- glass RTD P1100, class IA JUN, 4 wres</li> <li>- glass</li></ul>					
<ul> <li>3 - Sheath O.D. 6 mm - AlSi 3161,Wi 1.4040 (TET200 only)</li> <li>3 - breaker with A mm wries</li> <li>2 - washer with A mm wries (70.8 150 mm for 2 P100)</li> <li>3 - terminal board</li> <li><b>R TD Class and type of construction</b></li> <li><b>TE 1103 E THIDS Standard RTD</b></li> <li>B - brandard RTD 2 P100, class B 3 wries</li> <li>C - standard RTD 1 P100, class B 4 wries</li> <li>H - standard RTD 1 P100, class A 3 wries</li> <li>M - standard RTD 1 P100, class A 3 wries</li> <li>M - standard RTD 1 P100, class A 3 wries</li> <li>M - standard RTD 1 P100, class A 3 wries</li> <li>M - standard RTD 1 P100, class A 3 wries</li> <li>T - standard RTD 1 P100, class A 3 wries</li> <li>T - standard RTD 1 P100, class A 3 wries</li> <li>T - standard RTD 2 P100, class I A 3 wries</li> <li>T - standard RTD 2 P100, class I A 3 wries</li> <li>T - standard RTD 2 P100, class I A 3 wries</li> <li>T - standard RTD P100, class A 3 wries</li> <li>T - glass RTD 2 P100, class B 3 wries</li> <li>2 djass RTD P100, class B 3 wries</li> <li>3 - glass RTD P100, class B 3 wries</li> <li>3 - glass RTD P100, class B 3 wries</li> <li>3 - glass RTD P100, class B 3 wries</li> <li>3 - glass RTD P100, class B 3 wries</li> <li>5 - glass RTD P100, class B 4 wries</li> <li>6 - glass RTD P100, class B 4 wries</li> <li>7 - glass RTD P100, class B 4 wries</li> <li>7 - glass RTD P100, class B 3 wries</li> <li>7 - glass RTD P100, class B 3 wries</li> <li>7 - glass RTD P100, class B 3 wries</li> <li>7 - glass RTD P100, class B 3 Wries</li> <li>7 - glass RTD P100, class B 3 Wries</li> <li>7 - glass RTD P100, class B 3 Wries</li> <li>8 - diss RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class B 3 Wries</li> <li>9 - glass RTD P100, class</li></ul>		Price for 100 mm of insertion length L			
<ul> <li>1 - washer with 45 mm wires (70 &amp; 150 mm for 2 Pt100)</li> <li>3 - terminal board</li> <li>RTIO 5 as and type of construction</li> <li>TE100 &amp; TE100 Standard RTD</li> <li>B - standard RTD 2 Pt100, class B, 3 wires</li> <li>D - standard RTD 1 Pt100, class B, 4 wires</li> <li>E - standard RTD 1 Pt100, class A, 4 wires</li> <li>M - standard RTD 1 Pt100, class A, 4 wires</li> <li>M - standard RTD 1 Pt100, class A, 3 wires</li> <li>O - standard RTD 1 Pt100, class B, 4 wires</li> <li>P - standard RTD 1 Pt100, class 13 DIN, 3 wires</li> <li>O - standard RTD 1 Pt100, class 13 DIN, 3 wires</li> <li>T - standard RTD 1 Pt100, class 13 DIN, 4 wires</li> <li>TE1200 Duble standard RTD</li> <li>T - standard RTD, Double, class B, 3 wires</li> <li>P - standard RTD, Double, class B, 3 wires</li> <li>P - standard RTD, Double, class A, 3 wires</li> <li>P - standard RTD, Double, class A, 3 wires</li> <li>P - standard RTD, Double, class A, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD, P100, class 14 DIN, 3 wires</li> <li>P - standard RTD P100, class 14 DIN, 3 wires</li> <li>P - standard RTD P100, class 14 DIN, 3 wires</li> <li>P - standard RTD P100, class 14 DIN, 3 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard RTD P100, class 14 DIN, 4 wires</li> <li>P - standard R</li></ul>		3 - Sheath O.D. 6 mm - AISI316L/W.1.4404 (TET100/102)			
2washer with 70 mm vires (70 & 150 mm for 2 P1100) 3 - terminal board RTD Class and type of construction TF100 & RTF105 Standard RTD B - standard RTD 1 P1100, class B, 3 wires E - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires R - standard RTD 1 P1100, class B, 3 wires R - standard RTD 1 P1100, class B, 3 wires R - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires R - standard RTD 1 P1100, class B, 3 wires R - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires H - standard RTD 1 P1100, class B, 3 wires H - glass RTD 2 P1100, class B, 3 wires H - glass RTD 1 P1100, class B, 3 wires H - glass RTD 1 P1100, class B, 3 wires H - glass RTD 1 P1100, class B, 3 wires H - glass RTD 1 P1100, class A, 3 wires H - glass RTD 1 P1100, class A, 3 wires H - glass RTD 1 P1100, class A, 3 wires H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P1100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS H - glass RTD 1 P100, class J A IWIS					
RTD Class and type of construction         TET100 A ET103 Standard RTD         B standard RTD 2 Pt100, class B, 3 wires         E - standard RTD 2 Pt100, class A, 3 wires         L - standard RTD 1 Pt100, class A, 3 wires         L - standard RTD 1 Pt100, class A, 3 wires         P - standard RTD 1 Pt100, class A, 3 wires         P - standard RTD 1 Pt100, class B, 10, 3 wires         R - standard RTD 1 Pt100, class B, 10, 3 wires         R - standard RTD 1 Pt100, class B, 3 wires         TET200 Double standard RTD         T - standard RTD 1 Pt100, class B, 3 wires         1 - glass RTD 1 Pt100, class B, 3 wires         2 - glass RTD 1 Pt100, class B, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         3 - glass RTD 1 Pt100, class A, 3 wires         4 - glass mTD 1 Pt100, class A, 3 wires         5 - glass RTD					
<ul> <li>B - standard RTD 2 Pt100, class B, 3 wires</li> <li>E - standard RTD 2 Pt100, class A, 3 wires</li> <li>L - standard RTD 1 Pt100, class A, 3 wires</li> <li>L - standard RTD 1 Pt100, class A, 3 wires</li> <li>P - standard RTD 1 Pt100, class A, 3 wires</li> <li>P - standard RTD 1 Pt100, class A, 3 wires</li> <li>C - standard RTD 1 Pt100, class B, 3 wires</li> <li>R - standard RTD 1 Pt100, class B, 3 wires</li> <li>T = standard RTD 1 Pt100, class B, 3 wires</li> <li>T = standard RTD 1 Pt100, class B, 3 wires</li> <li>T = standard RTD 1 Pt100, class B, 3 wires</li> <li>T = standard RTD 1 Pt100, class B, 3 wires</li> <li>T = standard RTD 1 Pt100, class B, 3 wires</li> <li>2 - glass RTD 1 Pt100, class B, 3 wires</li> <li>2 - glass RTD 1 Pt100, class B, 3 wires</li> <li>3 - glass RTD 1 Pt100, class B, 4 wires</li> <li>3 - glass RTD 1 Pt100, class B, 4 wires</li> <li>5 - glass RTD 1 Pt100, class A, 4 wires</li> <li>6 - glass RTD 1 Pt100, class A, 4 wires</li> <li>6 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 1 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>7 - glass RTD 2 Pt100, class A, 4 wires</li> <li>9 - glass RTD 2 Pt100, class A, 4 wire</li></ul>		RTD Class and type of construction			
<ul> <li>Estandard RTD 1 P1100, class A, 3 wires</li> <li>Hstandard RTD 1 P1100, class A, 3 wires</li> <li>Mstandard RTD 1 P1100, class A, 4 wires</li> <li>Pstandard RTD 1 P1100, class A, 4 wires</li> <li>Rstandard RTD 1 P1100, class 1/3 DIN, 3 wires</li> <li>Rstandard RTD 1 P1100, class 1/3 DIN, 3 wires</li> <li>Vstandard RTD 1 Duuble, class A, 3 wires</li> <li>Vstandard RTD 0 Duuble, class A, 3 wires</li> <li>Ystandard RTD 0 class B, 3 wires</li> <li>2glass RTD 1 P100, class B, 3 wires</li> <li>2glass RTD 1 P100, class B, 3 wires</li> <li>3glass RTD 1 P100, class B, 3 wires</li> <li>3glass RTD 1 P100, class B, 3 wires</li> <li>3glass RTD 1 P100, class A, 3 wires</li> <li>5glass RTD 2 P100, class 1/3 DIN, 3 wires</li> <li>7glass RTD 2 P100, class 1/3 DIN, 3 wires</li> <li>7glass RTD 2 P100, class 1/3 DIN, 3 wires</li> <li>8glass RTD 1 P100, class 1/3 DIN, 4 wires</li> <li>YRTD class and type to specification</li> <li>Heads: model, neck conn., ed. conn., mater., IP</li> <li>A1 - TA20A, M2415, P216, A1, IP55</li> <li>A2 -TA20A, M2415, P216, A1, IP55</li> <li>A2 -TA20A, M2415, P216, A1, IP55</li> <li>A2 -TA20A, M2415, P216, A1, IP55</li> <li>A1 -TA20B, M2415, P216, A1, IP55</li> <li>A2 -TA20A, M2415, P216, A1, IP55</li> <li>C1 -TA20C, M2415, P216, A1, IP55</li> <li>C2 -TA20C, M2415, P216, A1, IP55</li> <li>C1 -TA20C, M2415, P216, A1, IP55</li> <li>C2 -TA20C, M2415, P216,</li></ul>					
<ul> <li>H standard RTD 1 P1100, class A, 3 wires</li> <li>L standard RTD 1 P1100, class A, 4 wires</li> <li>P. standard RTD 1 P1100, class A 12 DN, 3 wires</li> <li>Q standard RTD 1 P1100, class A 12 DN, 3 wires</li> <li>R standard RTD 1 P1100, class B 12 DN, 4 wires</li> <li><b>TET200 Double standard RTD</b></li> <li>T standard RTD, Double, class B, 3 wires</li> <li>Y standard RTD, Double, class A, 3 wires</li> <li><b>TET20 TO</b>, class RTD</li> <li><b>TO</b> 2 Jass RTD 1 P1100, class B, 3 wires</li> <li>2 glass RTD 1 P1100, class B, 3 wires</li> <li>3 glass RTD 1 P1100, class B, 3 wires</li> <li>3 glass RTD 1 P1100, class B, 4 wires</li> <li>3 glass RTD 1 P1100, class B, 4 wires</li> <li>3 glass RTD 1 P1100, class B, 4 wires</li> <li>4 glass RTD 2 P1100, class A, 3 wires</li> <li>5 glass RTD 1 P1100, class B, 4 wires</li> <li>6 glass RTD 1 P1100, class B, 4 wires</li> <li>6 glass RTD 2 P1100, class A, 4 wires</li> <li>7 glass RTD 1 P1100, class B, 13 DIN, 3 wires</li> <li>7 glass RTD 1 P1100, class A, 14 wires</li> <li>7 glass RTD 1 P1100, class 1/3 DIN, 4 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P1100, class A, 14 wires</li> <li>7 glass RTD 1 P1100, class A, 14 wires</li> <li>7 glass RTD 2 P100, class A, 14 wires</li> <li>7 glass RTD 1 P1100, class A, 14 wires</li> <li>7 glass RTD 1 P1100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 glass RTD 1 P100, class A, 14 wires</li> <li>7 wire wires</li> <li>7 glass RTD 1 P100, class A, 14</li></ul>					
M-standard RTD 1 P1100, class A, 4 wires P-standard RTD 2 P1100, class 1/3 DIN, 3 wires C-standard RTD 2 P1100, class A 3 Units <b>TET200 Double standard RTD</b> T-standard RTD, Double, class B, 3 wires <b>TET202 TET107 class RTD</b> O-glass RTD 2 P1100, class B, 3 wires 2-glass RTD 1 P1100, class B, 3 wires 3-glass RTD 1 P1100, class B, 3 wires 3-glass RTD 1 P1100, class B, 3 wires 3-glass RTD 1 P1100, class B, 4 wires 3-glass RTD 1 P1100, class B, 4 wires 3-glass RTD 1 P1100, class A, 3 wires 4-glass RTD 1 P1100, class A, 3 wires 5-glass RTD 1 P1100, class B, 4 wires 3-glass RTD 1 P1100, class A, 3 wires 3-glass RTD 1 P1100, class A, 3 wires 3-glass RTD 2 P1100, class A, 4 wires 5-glass RTD 2 P1100, class A, 4 wires 3-glass RTD 2 P110, class A, 4 wires 3-glass RTD 2 P110, class A, 4 wires 3-glass RTD 2 P100, class A, 4 wires 3-glass RTD 2 P100, class A, 4 wires 3-glass RTD 4 R200, R200, R20		H - standard RTD 1 Pt100, class A, 3 wires			
Q - standard RTD 1P100, class 1/3 DIN, 4 wires           TET200 Double standard RTD           T- standard RTD Double, class A, 3 wires           Y - standard RTD, Double, class A, 3 wires           Tet102 & TET107 class RTD           0 - glass RTD 1P100, class B, 3 wires           1 - glass RTD 1P100, class B, 4 wires           3 - glass RTD 1P100, class A, 3 wires           4 - glass RTD 1P100, class A, 3 wires           5 - glass RTD 1P100, class A, 3 wires           6 - glass RTD 1P100, class A, 3 wires           7 - glass RTD 1P100, class 1/3 DIN, 3 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - glass RTD 1P100, class 1/3 DIN, 4 wires           7 - R20A, M241, 5, P316, AI, IP55           A - TA20A, M241, 5, P316, AI, IP55           A - TA20A, M241, 5, P316, AI, IP55           A - TA20A, M241, 5, P316, AI, IP55           B - TA20B, M241, 5, P316, AI, IP55           C - TA20C, G 1/2", P316, AI, IP55           D - TA20C, M241, 5, P316, AI, IP55           D - TA20C, M241, 5, P316, AI, IP55           D - TA20C, M241, 5, P316, AI, IP55           D - TA20C, M241, 5					
R- standard RTD         1P1 P100 Ouble standard RTD           T- standard RTD, Double, class B, 3 wires           V- standard RTD, Double, class A, 3 wires           1- glass RTD 1P100, class B, 3 wires           2- glass RTD 1P100, class A, 3 wires           3- glass RTD 1P100, class A, 3 wires           3- glass RTD 1P100, class A, 3 wires           3- glass RTD 1P100, class A, 3 wires           5- glass RTD 1P100, class A, 3 wires           6- glass RTD 1P100, class A, 3 wires           7- glass RTD 1P100, class A, 3 wires           6- glass RTD 1P100, class A, 3 wires           7- glass RTD 1P100, class I/3 DIN, 3 wires           8- glass RTD 1P100, class I/3 DIN, 3 wires           8- glass RTD 1P100, class I/3 DIN, 3 wires           8- glass RTD 1P100, class I/3 DIN, 3 wires           8- glass RTD 1P100, class I/3 DIN, 4 wires           Y RTD class and Max15, Pg16, AI, IP55           A2 + TA20A, MAX15, Pg16, AI, IP55           A2 + TA20A, MAX15, Pg16, AI, IP55           A1 + TA20A, MAX15, Pg16, AI, IP55           A1 + TA20A, MAX15, Pg16, AI, IP55           C1 + TA20C, MAX15, Pg16, AI, IP55           C2 + TA20C, M2415, Pg16, AI, IP55           C2 + TA20C, M2415, Pg16, AI, IP55           D1 + TA20B, MAX15, Pg16, AI, IP55           E1 + TA20C, M2415, Pg16, AI, IP55           E1 + TA20C, M2					
T - standard RTD, Double, class B, 3 wires         TET102 & TET107 Glass RTD         0 - glass RTD 1 P1100, class B, 3 wires         1 - glass RTD 1 P1100, class A, 3 wires         2 - glass RTD 1 P1100, class A, 3 wires         3 - glass RTD 1 P1100, class A, 3 wires         5 - glass RTD 1 P1100, class A, 3 wires         6 - glass RTD 1 P1100, class A, 3 wires         7 - glass RTD 1 P1100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P1100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P1100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P1100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P1100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P100, class 1/3 DIN, 3 wires         8 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/3 DIN, 3 wires         9 - glass RTD 1 P100, class 1/4 DIN P10, P10, P10, P10, P10, P10, P10, P10,					
TET102 A TET107 Glass RD           0 - glass RTD 2 P1000 class B, 3 wires           2 - glass RTD 1 P10100 class A, 3 wires           3 - glass RTD 1 P1000 class A, 3 wires           4 - glass RTD 1 P1000 class A, 4 wires           5 - glass RTD 1 P1000 class A, 4 wires           6 - glass RTD 1 P1000 class A, 4 wires           7 - glass RTD 2 P1000 class I/J DIN, 3 wires           8 - glass RTD 1 P1000 class I/J DIN, 4 wires           7 - glass RTD 2 P1000 class I/J DIN, 4 wires           8 - glass RTD 1 P1000 class I/J DIN, 4 wires           9 - RTD class and type to specification           Heads: model, neck conn., el. conn., mater., IP           A 1 - R20A, M244.15, P16, AI, IP55           A 3 - R20A, M244.15, P16, AI, IP55           A 1 - R20A, M244.15, P16, AI, IP55           A 1 - R20A, M244.15, P16, AI, IP55           A 1 - R20A, G 12/2; C 12/2, AI, IP55           A 1 - R20A, G 12/2; C 12/2, AI, IP55           C - TA20C, G 12/2; P16, AI, IP55           C - TA20C, G 12/2; P16, AI, IP55           D - TA20C, G 12/2; P16, AI, IP55           E - TA20C, M244.15, P16, AI, IP55           E - TA20C, G 12/2; P17, 14, IP55           E - TA20C, G 12/2; P17, P16, AI, IP55           F - TA20C, G 12/2; P17, P17, AI, IP55           F - TA20C, G 12/2; P17, P17, AI, IP55           F - TA20C, G 12/2; P17, P17,		T - standard RTD, Double, class B, 3 wires			
<ul> <li>0 - glass RTD 1 P1100, class B, 3 wires</li> <li>1 - glass RTD 2 P1100, class B, 4 wires</li> <li>3 - glass RTD 1 P1100, class A, 3 wires</li> <li>3 - glass RTD 1 P1100, class A, 3 wires</li> <li>5 - glass RTD 1 P1100, class 1/3 DIN, 3 wires</li> <li>7 - glass RTD 2 P1100, class 1/3 DIN, 3 wires</li> <li>7 - glass RTD 2 P1100, class 1/3 DIN, 4 wires</li> <li>8 - glass RTD 2 P1100, class 1/3 DIN, 4 wires</li> <li>9 - glass RTD 2 P1100, class 1/3 DIN, 4 wires</li> <li>7 - RTD class and type to specification</li> <li>Heads: model, neck com, el. conn., mater., IP</li> <li>A 1 - TA20A, M24A15, IP216, AI, IP55</li> <li>A 2 - TA20A, M24A15, IP216, AI, IP55</li> <li>A 2 - TA20A, M24A15, IP216, AI, IP55</li> <li>A 1 - TA20A, G 1/2?, P161, AI, IP55</li> <li>A 1 - TA20A, G 1/2?, P161, AI, IP55</li> <li>C 1 - TA20C, M24A15, P216, AI, IP55</li> <li>C 1 - TA20C, M24A15, P216, AI, IP55</li> <li>C 1 - TA20C, M24A15, P216, AI, IP55</li> <li>C 1 - TA20C, G 1/2?, C 1/2?, NPT, AI, IP65</li> <li>C C - TA20C, G 1/2?, IP21NPT, AI, IP65</li> <li>C 1 - TA20D, M24A15, P216, AI, IP55</li> <li>E 1 - TA20E, M24A15, P316, AI, IP55</li> <li>E 1 - TA20E, M24A15, P316, AI, IP55</li> <li>E 1 - TA20E, M24A15, P316, AI, IP55</li> <li>E 1 - TA20E, G 1/2°, P316, PP, IP55</li> <li>G 2 - TA20C, G 1/2°, NP1 NP1, NP1, P65, D12</li> <li>C 1 - TA20E, G 1/2°, NP1, NP55</li> <li>E 1 - TA20E, M24A15, P316, PP, IP55</li> <li>E 1 - TA20E, M24A15, P316, P1, P55</li> <li>E 1 - TA20E, M24A15, P316, P1, P55</li> <li>E 1 - TA20E, G 1/2°, P316, P1, P55</li> <li>E 1 - TA20E, M24A15, P316, AI, IP55</li> <li>E 1 - TA20E, G 1/2°, NP1, NP1, AI, IP65, D12</li> <li>G 1 - TA20E, M24A15, P316, AI, IP55</li> <li>E 1 - TA20E, M24A15,</li></ul>					
2 - jdass PTD 1 P1100, class B, 4 wires 3 - glass PTD 1 P1100, class A, 3 wires 5 - glass PTD 1 P1100, class 1/3 DIN, 3 wires 7 - glass PTD 1 P1100, class 1/3 DIN, 3 wires 7 - glass PTD 1 P1100, class 1/3 DIN, 4 wires 8 - glass PTD 1 P1100, class 1/3 DIN, 4 wires Y - RTD class and type to specification Heads: model, neck com, el. conn., mater., IP A 1 - TA20A, M24x15, I'2 NPT, AI, IP55 A 2 - TA20A, M24x15, I'2 NPT, AI, IP55 A 2 - TA20A, M24x15, I'2 NPT, AI, IP55 A 2 - TA20A, G 1/2', P161, AI, IP55 A 1 - TA20B, M24x15, P216, AI, IP55 B 1 - TA20B, M24x15, P216, AI, IP55 C 1 - TA20C, G 1/2', '12' NPT, AI, IP65 C 2 - TA20C, G 1/2', '12' NPT, AI, IP65 C 1 - TA20C, G 1/2', '12' NPT, AI, IP65 C 1 - TA20C, G 1/2', '12' NPT, AI, IP65 C 1 - TA20C, G 1/2', '12' NPT, AI, IP65 E 1 - TA20E, M24x15, P216, AI, IP55 E 1 - TA20E, M24x15, P216, AI, IP55 E 1 - TA20E, G 1/2', '12' NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '12' NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '12' NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '12' NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '12' NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '14' 'NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '14' 'NPT, AI, IP65, SE E 1 - TA20E, G 1/2', '14' 'NPT, AI, IP65, SE E 1 - TA20E, G 1/2', 'NPT, '14' NP55 E 1 - TA20F, G 1/2', 'NPT, '14', IP65, SI G 2 - TA20C, '12' NPT, '14', IP65, SE E 1 - TA20E, '12' NPT, '14', IP65, SE E 1 - TA20E, '12' NPT, '14', IP65, SE E 1 - TA20F, M24x15, '12' NPT, '14', IP65, SE E 1 - TA20F, M24x15, '12' NPT, '14', IP65, SE E 1 - TA20F, M24x15, '12' NPT, '14', IP55 E 1 - TA20F, G 1/2', 'NP1, '14', IP55 E 2 - TA20F, G 1/2', 'N		0 - glass RTD 1 Pt100, class B, 3 wires			
<ul> <li>4 - giass RTD 2 P1100, class A, 3 wires</li> <li>5 - glass RTD 1 P1100, class 1/3 DIN, 3 wires</li> <li>7 - glass RTD 2 P1100, class 1/3 DIN, 4 wires</li> <li>Y - RTD class and type to specification</li> <li>Heads: model, neck conn., el. conn., mater., IP</li> <li>A 1 - TA20A, M24x15, Pg16, AI, IP55</li> <li>A 2 - TA20A, M24x15, Pg16, AI, IP55</li> <li>A 2 - TA20A, M24x15, Pg16, AI, IP55</li> <li>B 1 - TA20B, M24x15, Pg16, AI, IP55</li> <li>B 1 - TA20B, M24x15, Pg16, AI, IP55</li> <li>C 1 - TA20C, M24x15, Pg16, AI, IP55</li> <li>C 1 - TA20C, M24x15, Pg16, AI, IP65</li> <li>C 2 - TA20C, M24x15, Pg16, AI, IP65</li> <li>C 2 - TA20C, M24x15, Pg16, AI, IP65</li> <li>C 2 - TA20C, M24x15, Pg16, AI, IP65</li> <li>C 1 - TA20C, G 1/2', Pg16, AI, IP65</li> <li>D 1 - TA20D, M24x15, Pg16, AI, IP65</li> <li>D 1 - TA20E, M24x15, Pg16, AI, IP65</li> <li>E 1 - TA20E, M24x15, Pg16, AI, IP65</li> <li>F 1 - TA20E, M24x15, Pg16, AI, IP65, Supe</li> <li>G - TA20E, G 1/2'', NPT, AI, IP65, Jule</li> <li>G - TA20E, M24x15, Pg16, AI, IP65</li> <li>F - TA20E, M24x15, Pg16, AI, IP65</li> <li>F - TA20E, M24x15, Pg16, AI, IP55</li> <li>F - TA20E, M24x15, Pg16, AI, IP55</li> <li>F - TA20E, M24x15, Pg16, AI, IP55</li> <li>P - TA20E, M24x15, Pg16, AI, IP55</li> <li>P - TA20E, M24x15, Pg16, AI, IP55</li> <li>P - TA20E, M24x15, Pg17, NP1, AI, IP65, Jule</li> <li>M - TA20M, M24x15, Pg17, NP1</li></ul>		2 - glass RTD 1 Pt100, class B, 4 wires			
<ul> <li>5 - glass RTD 1 P1100, class 1/3 DIN, 3 wires</li> <li>6 - glass RTD 1 P1100, class 1/3 DIN, 4 wires</li> <li>8 - glass RTD 1 P1100, class 1/3 DIN, 4 wires</li> <li>8 - glass RTD 1 P1100, class 1/3 DIN, 4 wires</li> <li>9 - RTD class and type to specification</li> <li>Heads: model, neck conn., el. conn., mater., IP</li> <li>A1 - TA20A, M24x15, P161 AI, IP55</li> <li>A2 - TA20A, M24x15, P161 AI, IP55</li> <li>A3 - TA20A, G1/2', P161 A, IP55</li> <li>A1 - TA20A, G1/2', P16, AI, IP55</li> <li>A1 - TA20A, G1/2', P17, AI, IP55</li> <li>A1 - TA20A, G1/2', P17, AI, IP55</li> <li>C1 - TA20C, M24x15, P16, AI, IP55</li> <li>C2 - TA20C, M24x15, P16, AI, IP65</li> <li>C2 - TA20C, M24x15, P16, AI, IP65</li> <li>C2 - TA20C, M24x15, P16, AI, IP65</li> <li>C3 - TA20C, M24x15, P16, AI, IP65</li> <li>C4 - TA20C, M24x15, P17, P17, AI, IP65</li> <li>D2 - TA20C, M24x15, P16, AI, IP55</li> <li>D2 - TA20C, M24x15, P16, AI, IP55</li> <li>E1 - TA20E, G1/2', P16, AI, IP55</li> <li>E2 - TA20E, G1/2', P17, AI, IP65, Jue</li> <li>G3 - TA20G, 1/2' NPT, J4' NPT, AI, IP65, Jue</li> <li>G4 - TA20G, 1/2' NPT, J4'' NPT, AI, IP65, Jue</li> <li>G5 - TA20E, M24x15, P216, AI, IP55</li> <li>F1 - TA20P, M24x15, P216, AI, IP55</li> <li>F2 - TA20P, M24x15, P216, AI, IP55</li> <li>F2 - TA20P, M24x15, P216, AI, IP55</li> <li>F2 - TA20P,</li></ul>					
7 Glass RTD 2 P1100, class 1/3 DIN, 4 wires         8 glass RTD 1 P1100, class 1/3 DIN, 4 wires         Y. RTD class and type to specification         Heads: model, neck conn., el. conn., mater, IP         A1. TA20A, M24x15, Pg16, AI, IP55         A2. TA20A, M24x15, Pg16, AI, IP55         A3. TA20A, M24x15, Pg16, AI, IP55         A2. TA20A, G 1/2", G 1/2", AI, IP55         A3. TA20C, M24x15, Pg16, AI, IP55         A0. TA20C, G 1/2", G 1/2", AI, IP55         C1. TA20C, M24x15, Pg16, AI, IP55         C2. TA20C, G 1/2", G 1/2", AI, IP55         C3. TA20C, G 1/2", G 1/2", AI, IP55         C4. TA20C, G 1/2", G 1/2", AI, IP55         C5. TA20C, G 1/2", G 1/2", AI, IP55         C6. TA20C, G 1/2", G 1/2", NP1, AI, IP55         C7. TA20E, G 1/2", G 1/2", Pg16, AI, IP55         C6. TA20C, G 1/2", Pg16, AI, IP55         C7. TA20E, G 1/2", Pg16, AI, IP55         C7. TA20E, G 1/2", G 1/2", Pg16, AI, IP55         C8. TA20E, G 1/2", Pg16, AI, IP55         C9. TA20E, G 1/2", Pg16, PI, P155         C9. TA20E, G 1/2", Pg16, PI, P155         C9. TA20E, TA20E, TA20E, TA20E, TA20E, P17, TA1, IP65, blue         G3. TA		5 - glass RTD 1 Pt100, class A, 4 wires			
Y - RTD class and type to specification         Heads: model, neck conn., el. conn., mater, IP         A1 - TA20A, M24x1,5, Pg16, AI, IP55         A2 - TA20A, M24x1,5, Pg16, AI, IP55         A2 - TA20A, G 1/2", Pg16, AI, IP55         A3 - TA20A, G 1/2", Pg16, AI, IP55         B1 - TA20B, M24x1,5, Pg16, AI, IP55         B1 - TA20B, M24x1,5, Pg16, AI, IP55         B1 - TA20C, G 1/2", G 1/2", AI, IP55         C2 - TA20A, G 1/2", PG16, AI, IP55         C3 - TA20C, G 1/2", G 1/2", AI, IP65         C4 - TA20C, G 1/2", PG16, AI, IP55         C5 - TA20C, G 1/2", PG16, AI, IP55         C5 - TA20C, G 1/2", PG16, AI, IP55         C5 - TA20C, G 1/2", PG16, AI, IP55         C6 - TA20C, G 1/2", Pg16, AI, IP55         C6 - TA20C, G 1/2", Pg16, AI, IP55         C7 - TA20E, G 1/2", Pg16, AI, IP55         C7 - TA20E, G 1/2", Pg16, AI, IP55         C8 - TA20C, G 1/2", Pg16, AI, IP55         C9 - TA20E, G 1/2", Pg16, AI, IP55         C7 - TA20F, G 1/2", Pg16, AI, IP55         C7 - TA20F, G 1/2", Pg16, AI, IP55         C8 - TA20G, I/2", NPT, AI, IP55, IP46, AI, IP55         C9 - TA20F, I/2", NPT, AI, IP55, IP46, AI, IP55         C9 - TA20G, I/2", NPT, AI, IP55,					
Heads: model       neck conn., el. conn., mater., IP         A1       TA20A, M24x1,5, Pg16, AI, IP55         A2       TA20A, M24x1,5, Pg16, AI, IP55         A3       TA20A, G 1/2", Pg16, AI, IP55         A0       TA20A, G 1/2", Pg16, AI, IP55         A0       TA20A, G 1/2", Pg16, AI, IP55         B1       TA20A, G 1/2", G 1/2", AI, IP55         B1       TA20C, G 1/2", G 1/2", AI, IP55         C2       TA20C, G 1/2", G 1/2", AI, IP65         C3       TA20C, G 1/2", G 1/2", AI, IP65         C4       TA20C, G 1/2", G 1/2", AI, IP65         C5       C1         C4       TA20C, G 1/2", Pg16, AI, IP65         C5       C1         C4       TA20C, G 1/2", Pg16, AI, IP65         C5       C1         C4       TA20D, M24x15, Pg16, AI, IP55         E1       TA20D, M24x15, Pg16, AI, IP55         E2       TA20D, M24x15, Pg16, AI, IP55         E0       TA20E, G 1/2", Pg16, AI, IP55         E1       TA20E, G 1/2", Pg16, AI, IP55         E1       TA20E, G 1/2", Pg16, AI, IP55         F1       TA20F, G 1/2", Pg16, AI, IP55         F2       TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, grey         G3       TA20G, 1/2" NPT, M2, NPT, AI, IP65, blue					
A2 - TA20A, M24x15, 1/2", NPT, AI, IP55 A3 - TA20A, G 1/2", Pg16, AI, IP55 AD - TA20A, G 1/2", Pg16, AI, IP55 B1 - TA20B, M24x15, Pg16, AI, IP55 C1 - TA20C, M24x15, Pg16, AI, IP65 C2 - TA20C, M24x15, Pg16, AI, IP65 CB - TA20C, G 1/2", G 1/2", AI, IP65 CD - TA20C, G 1/2", Pg16, AI, IP65 D1 - TA20D, M24x15, Pg16, AI, IP65 D1 - TA20D, M24x15, Pg16, AI, IP55 E1 - TA20C, G 1/2", Pg16, PI, IP55 F1 - TA20C, G 1/2", Pg16, PI, IP55 F2 - TA20C, G 1/2", NPT, AI, IP65, Grey G3 - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2", NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2", NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2", NPT, 3/4" NPT, AI, IP65, blue GD - TA20D, M24x15, Pg16, AI, IP55 P1 - TA20P, M24x15, Pg16, AI, IP55 P1 - TA20P1, M24x15		Heads: model, neck conn., el. conn., mater., IP			
A3 - TA20A, M24x15, Pg16, AI, IP68 AC - TA20A, G 1/2', G 1/2', AI, IP55 B1 - TA20B, M24x15, Pg16, PA, IP55 C1 - TA20C, M24x15, Pg16, AI, IP65 C2 - TA20C, M24x15, Pg16, AI, IP65 C3 - TA20C, G 1/2', PG16, AI, IP65 C3 - TA20C, G 1/2', PG16, AI, IP65 C4 - TA20D, M24x15, Pg16, AI, IP65 D1 - TA20D, M24x15, Pg16, AI, IP55 E1 - TA20E, G 1/2', Pg16, AI, IP55 E1 - TA20E, G 1/2', Pg16, AI, IP55 E1 - TA20E, G 1/2', Pg16, PP, IP55 F1 - TA20E, G 1/2', Pg16, PP, IP55 F1 - TA20E, G 1/2', Pg16, PP, IP55 F1 - TA20E, G 1/2', Pg16, PP, IP55 F2 - TA20G, 1/2', NPT, J4, IP65, grey G3 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, grey G4 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, grey G4 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, grey G4 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue GC - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', NPT, J4', NPT, AI, IP65, blue G1 - TA20G, 1/2', PG16, AI, IP55 P1 - TA20P, M24x15, Pg16, AI, IP55 P1 - TA20P, M24x15, Pg16, AI, IP55 P2 - TA20P, G 1/2', PG16, PM, IP55 V1 - TA20P, G 1/2', PG16, PM, IP55 V1 - TA20P, G 1/2', PG16, PM, IP55 V1 - TA20P, M24x15, Pg16, AI, IP55 V1 - TA20P, M24x15, Pg16, AI, IP55 V2 - TA20V, M24x15, Pg16, AI, IP55 V3 - TA20V					
AD - TA20A, G 1/2", G 1/2", AI, IP55 B1 - TA20B, M24x1,5, Pg16, AI, IP65 C1 - TA20C, M24x1,5, 1/2", NPT, AI, IP65 C2 - TA20C, G 1/2", I/2", AI, IP65 CC - TA20C, G 1/2", I/2", NPT, AI, IP65 D1 - TA20D, M24x1,5, Pg16, AI, IP55 D2 - TA20D, M24x1,5, Pg16, AI, IP55 EC - TA20E, G 1/2", G 1/2", AI, IP55 EC - TA20E, G 1/2", G 1/2", AI, IP55 FC - TA20E, G 1/2", G 1/2", AI, IP55 FC - TA20E, G 1/2", G 1/2", Pg16, AI, IP55 FC - TA20E, G 1/2", G 1/2", Pg16, AI, IP55 FC - TA20E, G 1/2", G 1/2", Pg16, S, IP55 FC - TA20E, G 1/2", G 1/2", Pg1, IP55 FC - TA20E, G 1/2", G 1/2", NPT, AI, IP65, grey G3 - TA20G, 1/2", NPT, J4", NPT, AI, IP65, grey G4 - TA20G, 1/2", NPT, Guble 1/2", NPT, AI, IP65, blue G0 - TA20G, 1/2", NPT, Guble 1/2", NPT, AI, IP65, blue G0 - TA20G, 1/2", NPT, Guble 1/2", NPT, AI, IP65, blue G0 - TA20G, 1/2", NPT, J4", IP55 P1 - TA20F, M24x1,5, Pg16, AI, IP55 P2 - TA20F, G 1/2", Pg16, AI, IP55 P2 - TA20F, G 1/2", Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P3 - TA20P, G 1/2", Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P3 - TA20P, G 1/2", Pg16, AI, IP55 P4 - TA20P, M24x1,5, Pg16, AI, IP55 P3 - TA20P, G 1/2", Pg16, AI, IP55 P4 - TA20P, M24x1,5, Pg16, AI, IP55 P4 - TA20P, M24x1,5, Pg16, AI, IP55 P5 - TA20P, G 1/2", Pg16, AI, IP55 P4 - TA20V, M24x1,5, Pg16, AI, IP55 P5 - TA20V, M24x1,5, Pg16, AI, IP55 P4 - TA20V, M24x1,5, Pg16, AI, IP55 P5 - TA20V, M24x1,5, Pg16, AI, IP55 P4 - TA20V, M24x1,5, Pg16, AI, IP55 P5 - TA20V, M24x1,5, Pg16, AI, IP55 P5 - TA20V, M24x1,5, Pg16, AI, IP55 P6 - TA20V, M24x1,5, Pg16, AI, IP55 P7 - TA20V, M24x1,5, Pg16, AI, IP55 P7 - TA20V, M24x1,5, Pg16, AI, IP65 P7 - TA20V, M24x1,5, Pg16, AI, IP		A3 - TA20A, M24x1,5, Pg16, Al, IP68			
C1 - TA20C, M24x1,5, Pg16, AI, IP65 C2 - TA20C, G 1/2", G 1/2", AI, IP65 CB - TA20C, G 1/2", G 1/2", AI, IP65 CD - TA20C, G 1/2", T/2" NPT, AI, IP55 D2 - TA20E, M24x1,5, Pg16, AI, IP55 EC - TA20E, G 1/2", Pg16, AI, IP55 EC - TA20E, G 1/2", Pg16, AI, IP55 ED - TA20E, G 1/2", Pg16, AI, IP55 F1 - TA20E, M24x1,5, Pg16, PP, IP55 F1 - TA20E, G 1/2", G 1/2", AI, IP55 F1 - TA20E, G 1/2", Pg16, PP, IP55 G2 - TA20E, G 1/2", Pg16, PP, IP55 G2 - TA20E, G 1/2", Pg16, PP, IP55 G2 - TA20E, G 1/2", NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, blue G5 - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue G5 - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue G5 - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue G6 - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue G7 - TA20P, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P1 - TA20P, G 1/2", Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P3 - TA20V, M24x1,5, Pg16, POM, IP55 U1 - TA20V, M24x1,5, Pg16, POM, IP65 W1 - TA20V, M24x1,5, Pg16, AI, IP55 Y3 - TA20V, M24x1,5, Pg16, AI, IP65 W1 - TA20V, M24x1,5, Pg16, AI, IP65 W1 - TA20V, M24x1,5, Pg16, AI, IP65 W2 - TA20V, M24x1,5, Pg16, AI, IP65 W3 - TA20V, M24x1,5, Pg16, AI, IP65 W4 - TA20V		AD - TA20A, G 1/2", G 1/2", AI, IP55			
C2 - TA20C, M24x1,5, 1/2", NPT, AI, IP65 CB - TA20C, G 1/2", G 1/2", AI, IP65 CC - TA20C, G 1/2", G 1/2", NPT, AI, IP65 D1 - TA20D, M24x1,5, IP16, AI, IP55 D2 - TA20D, M24x1,5, Pg16, AI, IP55 ED - TA20E, G 1/2", G 1/2", Pg16, AI, IP55 ED - TA20E, G 1/2", G 1/2", Pg16, AI, IP55 F1 - TA20F, M24x1,5, Pg16, PP, IP55 F0 - TA20E, G 1/2", Pg16, PP, IP55 F0 - TA20E, G 1/2", Pg16, PP, IP55 F0 - TA20E, G 1/2", NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G0 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G0 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G2 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G2 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G2 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20G, 1/2" NPT, J0/4" NPT, AI, IP65, blue G1 - TA20P, G 1/2", Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P3 - TA20P, G 1/2", Pg16, P55 P1 - TA20P, G 1/2", Pg16, P55 P1 - TA20P, G 1/2", Pg16, P55 P1 - TA20V, M24x1,5, Pg16, AI, IP55 P3 - TA20V, M24x1,5, Pg16, P0M, IP55 V1 - TA20V, M24x1,5, Pg16, P0M, IP55 V2 - TA20V, M24x1,5, Pg16, P0M, IP55 V3 - TA20V, M24x1,5, Pg11, AISI, IP65					
CC - TA20C, G 1/2", PG16, AI, IP65 CD - TA20C, M24X1,5, Pg16, AI, IP55 D2 - TA20D, M24X1,5, Pg16, AI, IP55 E1 - TA20E, G 1/2", Pg16, AI, IP55 EC - TA20E, G 1/2", Pg16, AI, IP55 ED - TA20E, G 1/2", Pg16, AI, IP55 F1 - TA20F, M24X1,5, Pg16, PP, IP55 FC - TA20F, G 1/2", Pg16, PP, IP55 F2 - TA20F, G 1/2", PT, IA, IP65, grey G3 - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J(2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, Goulole 1/2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, GI (P6, AI, IP55 P1 - TA20P, M24X1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", G 1/2", G 1/2", AI, IP55 P2 - TA20P, G 1/2", Pg16, POM, IP55 U1 - TA20U, M24X1,5, Pg16, AI, IP55 V1 - TA20U, M24X1,5, Pg16, AI, IP55 V2 - TA20W, M24X1,5, Pg16, AI, IP55 V3 - TA20W, M24X1,5, Pg16, AI, IP65 Built-in transmitter 1 - With built-in transmitter 1 - With built-in transmitter to be separately ordered		C2 - TA20C, M24x1,5, 1/2" NPT, AI, IP65			
D1 - TA20D, M24x1,5, Pg16, AI, IP55         D2 - TA20D, M24x1,5, Pg16, AI, IP55         E1 - TA20E, G 1/2", Pg16, AI, IP55         ED - TA20E, G 1/2", Pg16, AI, IP55         FD - TA20E, G 1/2", Pg16, PP, IP55         FC - TA20F, G 1/2", Pg16, PP, IP55         FD - TA20F, G 1/2", Pg16, PP, IP55         G2 - TA20G, G 1/2", NPT, G1/2", PP, IP55         G3 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, grey         G3 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, grey         G4 - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GC - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20M, M24x1,5, Pg16, AI, IP55         P2 - TA20P, G 1/2", Pg16, POM, IP55         U1 - TA20U, M24x1,5, Pg16, POM, IP55         U2 - TA20U, G 1/2", Pg16, PI, AI, IP55         W2 - TA20U, M24x1,5, Pg16, POM, IP65         W1 - TA20U, M24x1,5, Pg16, POM, IP65         W2 - TA20U, M24x1,5, Pg11, AISI, IP65         W2 - TA20U, M24x1,5, Pg11, AISI, IP65         W2 - TA20X, M24x1,5, Pg11, AISI, IP65         W2 - TA20X, M24x1,5, Pg11, AISI, IP65 </th <th></th> <th></th>					
D2 - TA20D, M24x1,5, 1/2"NPT, AI, IP55 E1 - TA20E, G 1/2", Pg16, AI, IP55 EC - TA20E, G 1/2", C 1/2", AI, IP55 F1 - TA20F, G 1/2", G 1/2", PP, IP55 F0 - TA20F, G 1/2", Pg16, PP, IP55 F0 - TA20F, G 1/2", NPT, 3/4" NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 4/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, 4/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 P2 - TA20P, G 1/2", G 1/2", NPT, AI, IP65, blue M1 - TA20P, G 1/2", G 1/2", NPT, AI, IP55 VC - TA20P, G 1/2", G 1/2", NPT, AI, IP55 VC - TA20P, G 1/2", G 1/2", NPT, AI, IP55 VC - TA20V, M24x1,5, Pg16, AI, IP55 VI - TA20V, M24x1,5, Pg16, POM, IP55 VI - TA20V, M24x1,5, Pg16, POM, IP55 VI - TA20V, M24x1,5, Pg16, POM, IP55 VI - TA20V, M24x1,5, Pg16, AI, IP55 SV2 - TA20V, M24x1,5, Pg16, AI, IP55 VI - TA20V, M24x1,5, Pg16, POM, IP65 VI - TA20V, M24x1,5, Pg16, POM, IP65 VI - TA20V, M24x1,5, Pg16, AI, IP55 X3 - TA20V, M24x1,5, Pg11, AISI, IP65 Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered					
EC - TA20E, G 1/2", Pg16, AI, IP55 ED - TA20E, G 1/2", G 1/2", AI, IP55 F1 - TA20F, G 1/2", Pg16, PP, IP55 F0 - TA20F, G 1/2", Pg16, PP, IP55 G2 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J4" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, J4" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, G1/2", Pg16, AI, IP55 P2 - TA20P, G 1/2", G 1/2", AI, IP55 PD - TA20P, G 1/2", G 1/2", AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 SU - TA20U, G 1/2", Pg16, AI, IP55 SU - TA20U, M24x1,5, Pg16, AI, IP55 V1 - TA20V, M24x1,5, Pg16, AI, IP55 SU - TA20U, M24x1,5, Pg16, AI, IP55 V1 - TA20V, M24x1,5, Pg16, AI, IP55 SU - TA20U, M24x1,5, Pg16, AI, IP55 SU - TA20U, M24x1,5, Pg16, AI, IP55 SU - TA20U, M24x1,5, Pg16, AI, IP55 V1 - TA20V, M24x1,5, Pg11, AISI, IP65 Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		D2 - TA20D, M24x1,5, 1/2"NPT, AI, IP55			
F1 - TA20F, M24x1,5, Pg16, PP, IP55         FC - TA20F, G 1/2", Pg16, PP, IP55         G2 - TA20G, G 1/2", NPT, AI, IP65, grey         G3 - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, grey         G4 - TA20G, 1/2", NPT, J000ble 1/2", NPT, AI, IP65, blue         GC - TA20G, 1/2", NPT, J/2", NPT, AI, IP65, blue         GD - TA20G, 1/2", NPT, J/2", NPT, AI, IP65, blue         GD - TA20G, 1/2", NPT, J/2", NPT, AI, IP65, blue         GD - TA20G, 1/2", NPT, J/2", NPT, AI, IP65, blue         GD - TA20G, 1/2", NPT, J, H, IP55         P1 - TA20P, M24x1,5, Pg16, AI, IP55         P2 - TA20P, G 1/2", Pg16, AI, IP55         P2 - TA20P, G 1/2", Pg16, AI, IP55         PC - TA20V, M24x1,5, Pg16, POM, IP55         U1 - TA20W, M24x1,5, Pg16, AI, IP65         W1 - TA20W, M24x1,5, Pg11, AISI, IP65         W2 - TA20W, M24x1,5, Pg11, AISI, IP65         W2 - TA20W, M24x1,5, Pg11, AISI, IP65         W2 - TA20W, M24x1,5, Pg11, AISI, IP65         W1 - Tatow M24x1,5, Pg11, AISI, IP65         W1 - Tatow M24x1,5, Pg11, AISI, IP65 <th></th> <th></th>					
FC - TA20F, G 1/2", Pg16, PP, IP55         FD - TA20G, G 1/2", G 1/2", PP, IP55         G2 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, grey         G3 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, grey         G4 - TA20G, 1/2" NPT, J/2" NPT, AI, IP65, blue         GC - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20G, 1/2" NPT, J/4" NPT, AI, IP65, blue         GD - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue         M1 - TA20M, M24x1,5, Pg16, AI, IP55         P1 - TA20P, G 1/2", Pg16, AI, IP55         P2 - TA20P, G 1/2", G16, AI, IP55         P2 - TA20P, G 1/2", Pg16, AI, IP55         P0 - TA20P, G 1/2", Pg16, AI, IP55         P0 - TA20P, G 1/2", Pg16, AI, IP55         P1 - TA20U, M24x1,5, Pg16, AI, IP55         P2 - TA20P, G 1/2", Pg16, AI, IP55         UC - TA20U, G 1/2", Pg16, AI, IP55         UC - TA20U, M24x1,5, Pg16, POM, IP55         U1 - TA20U, M24x1,5, Pg16, AI, IP55         W2 - TA20W, M24x1,5, Pg16, AI, IP55         X3 - TA20X, M24x1,5, Pg11, AISI, IP65         W2 - TA20W, M24x1,5, Pg14, AISI, IP65         W2 - TA20W, M24x1,5, Pg14, AISI, IP65         With built-in transmitter					
G2 - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, grey G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 PC - TA20P, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 W1 - TA20U, M24x1,5, Pg16, POM, IP55 UT - TA20U, M24x1,5, Pg16, AI, IP55 W2 - TA20U, M24x1,5, Pg16, AI, IP65 W1 - TA20U, M24x1,5, Pg16, AI, IP65 W2 - TA20U, M24x1,5, Pg16, AI, IP65 W3 - TA20U, M24x1,5, Pg16, AI, IP65 W2 - TA20U, M24x1,5, Pg16, AI, IP65 W3 - Without built-in transmitter N - With built-in transmitter		FC - TA20F, G 1/2", Pg16, PP, IP55			
G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey G4 - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 PD - TA20P, G 1/2", Pg16, AI, IP55 UC - TA20P, G 1/2", G 1/2", AI, IP55 UC - TA20U, G 1/2", Pg16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, AI, IP65 W1 - TA20W, M24x1,5, Pg16, POM, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, Pg11, AISI, IP65 Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered					
GB - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue GC - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, blue GD - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", G16, AI, IP55 PC - TA20P, G 1/2", G16, POM, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 UC - TA20U, M24x1,5, Pg16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, AI, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, Pg16, AI, IP55 X3 - TA20W, M24x1,5, Pg11, AISI, IP65 Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		G3 - TA20G, 1/2" NPT, 3/4" NPT, AI, IP65, grey			
GD - TA20G, 1/2" NPT, double 1/2" NPT, AI, IP65, blue M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G1/2", Pg16, AI, IP55 PC - TA20P, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", PG16, POM, IP55 UC - TA20U, G 1/2", PG16, POM, IP65 W1 - TA20U, M24x1,5, Pg16, POM, IP65 W1 - TA20U, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		GB - TA20G, 1/2" NPT, 1/2" NPT, AI, IP65, blue			
M1 - TA20M, M24x1,5, Pg16, AI, IP55 P1 - TA20P, M24x1,5, Pg16, AI, IP55 P2 - TA20P, G 1/2", Pg16, AI, IP55 PC - TA20P, G 1/2", Pg16, AI, IP55 UC - TA20P, G 1/2", G 1/2", AI, IP55 UC - TA20U, G 1/2", PG16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, POM, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered					
P2 - TA20P, M24x1,5, 1/2" NPT, AI, IP55 PC - TA20P, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, AI, IP55 UC - TA20U, G 1/2", Pg16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, AI, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		M1 - TA20M, M24x1,5, Pg16, Al, IP55			
PD - TA20P, G 1/2", G 1/2", AI, IP55 UC - TA20U, G 1/2", PG16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, POM, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, 1/2" NPT, AI, IP55 X3 - TA20X, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		P2 - TA20P, M24x1,5, 1/2" NPT, AI, IP55			
UC - TA20U, G 1/2", PG16, POM, IP55 U1 - TA20U, M24x1,5, Pg16, POM, IP65 W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, 1/2" NPT, AI, IP55 X3 - TA20X, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered					
W1 - TA20W, M24x1,5, Pg16, AI, IP65 W2 - TA20W, M24x1,5, 1/2" NPT, AI, IP55 X3 - TA20X, M24x1,5, Pg11, AISI, IP65 <b>Built-in transmitter</b> 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		UC - TA20U, G 1/2", PG16, POM, IP55			
W2 - TA20W, M24x1,5, 1/2" NPT, AI, IP55 X3 - TA20X, M24x1,5, Pg11, AISI, IP65 Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		W1 - TA20W, M24x1,5, Pg16, Al, IP65			
Built-in transmitter 0 - Without built-in transmitter 1 - With built-in transmitter to be separately ordered		W2 - TA20W, M24x1,5, 1/2" NPT, AI, IP55			
1 - With built-in transmitter to be separately ordered		Built-in transmitter			
TST289- Complete Order Code					
TST289- Complete Order Code					
	TST289-	Complete Order Code			

## Supplementary Documentation

- □ TET100 Ø 6 mm M.I. inset
- Technical Information TI071T/02/en □ TET102 Ø 6 mm M.I. inset
- Technical Information TI140T/02/en □ TET105 Ø 3 mm M.I. inset
- Technical Information TI103T/02/en □ TET107 Ø 3 mm M.I. inset
- Technical Information TI141T/02/en □ TET200 Ø 2 x 3 mm M.I. inset
- Technical Information TI150T/02/en □ TA20 terminal heads
- Technical Information TI072T/02/en
- $\hfill\square$  TA500 series specific product T.I.

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