

Temperature Sensor TSA 01 in Stainless Steel 316Ti

TSA 01 TSP 01

Characteristics

- ► Electronic temperature sensor in stainless steel 316Ti
- ► Measuring element: Pt100
- ► Output: 4-20mA (2-wire), or 0-10V DC (3-wire)
- ► Max. temperature range: -30°C up to +150°C
- Electrical connection:Coupler plug, plug M12 or cable
- Process connection: BSP½"
- ▶ Protection: IP65
- ▶ Length of the sensor is variable
- Reasonable prices



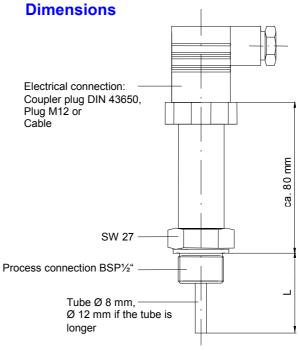
Areas of application

Temperature measuring in liquids and gases:

Hydraulics, Pneumatic,

Plant construction, Machine construction,

Process technology, etc.



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L = Sensor length from sealing face of process connection

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Technical Data

Accuracy

Supply voltage 12 – 32V DC Process connection BSP½"

measurement range

Output 4-20mA (2-wire), in stainless steel 316Ti

0-10V DC (3-wire) Electrical connection Coupler plug DIN 43650,

Measuring element Pt 100 class B DIN IEC 751 plug M12, or cable

<<u>+</u> 0,5 % of the **Sensor length L** max. 3000 mm,

>3000 mm on request

Temperature range -30°C up to +150°C Tube Ø 8 mm, Ø 12 mm

Supply current 30mA in stainless steel 316Ti

Protection IP 65

Electrical Connection:

	Current Output 4-20mA (2-wire)			Voltage Output 0-10V DC (3-wire)		
Connection	Plug M12	Cable	Coupler Plug	Plug M12	Cable	Coupler Plug
+ Supply	1	brown	1	1	brown	1
- Supply	4	white	2	3	white	2
+ Signal	-	-	-	4	green	3
- Signal	-	-	-	-	-	-

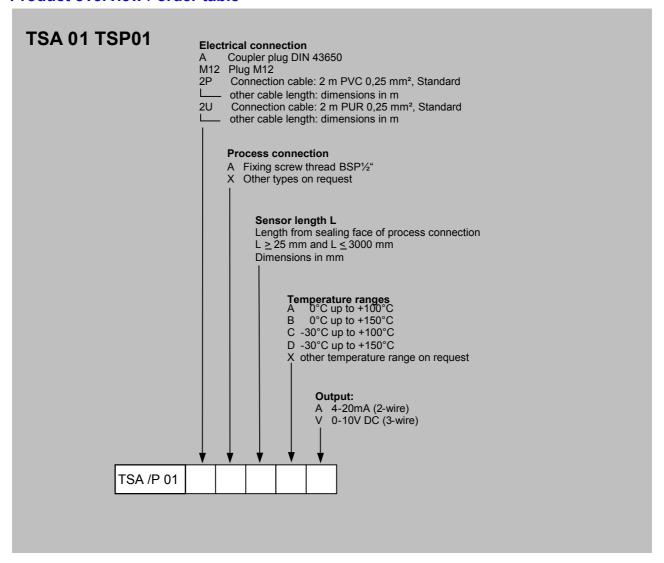
Accessories: Circular plugs M12

Туре		Order number	Design	
Female plug M12 with	2 m PVC cable	K12PVC 2		
	5 m PVC cable	K12PVC 5		
	2 m PUR cable	K12PUR 2		
	5 m PUR cable	K12PUR 5		
Female plug M12, angle type with	2 m PVC cable	W12PVC 2		
	5 m PVC cable	W12PVC 5		
	2 m PUR cable	W12PUR 2		
	5 m PUR cable	W12PUR 5		

Colour							
Output 4-20mA		Output 0-10V DC					
1	brown	1	brown				
3	-	3	blue				
4	black	4	black				



Product overview / order table



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