

**J1** Straight RTD,  
6 and 8 mm ø,  
with connection head  
and "Triclamp"  
attaching device

**Electrical connection**

2/3/4-wire sing.el.    2x2 w. dual el.    2x3 w. dual el.

"Triclamp" att.device dimensions

DN	ø1	H
DN 25	50	6.5
DN 40	50	6.5
DN 50	63	7

Connection head	Diameter ø G mm	Base code	Value in [ohm] at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Attaching device	Extension LE mm
Miniat. IP67 	6	J1 M60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	A Triclamp DN 25 (1")	05 50
	8	J1 M80	X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 Thin film 250 °C max		0150	B Triclamp DN 40 (1" 1/2)	08 80
Standard IP67, optional transmitter * 	6	J1 S60	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN			0200	C Triclamp DN 50 (2")	10 100
	8	J1 S80							
	6 + T	J1 T60	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			0250		
	8 + T	J1 T80		4 4-wire single el. 1/3 DIN			0300		
Nylon IP65, optional transmitter * 	6	J1 N60		5 4-wire single el. Cl. B (1 DIN)			0350		
	8	J1 N80							
	6 + T	J1 Y60		6 6-wire dual el. Cl. B (1 DIN)			0400		
	8 + T	J1 Y80		7 6-wire dual el. Cl. A (1/2 DIN)			0450		
EEx d IIB IP65, optional transmitter * 	6	J1 X60		8 6-wire dual el. 1/3 DIN			0500		
	8	J1 X80							
	6 + T	J1 U60							
	8 + T	J1 U80					L min 0080		

Note: \* Transmitter for single element only

Note: other lengths on request for LG and LE. Code ex.: LG = 135mm Code 0135 / LE = 60mm Code 06

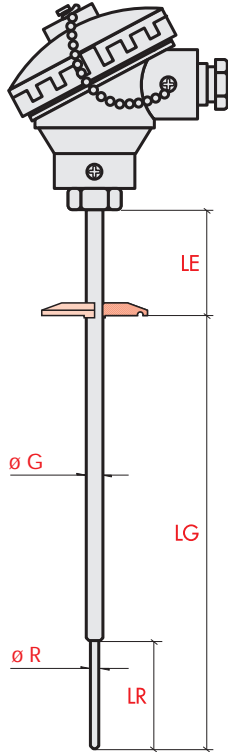
**Reference model:**

Straight RTD, standard head, 6mm ø sheath, 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, "Triclamp" DN25 food attaching device, 50mm extended length.

**J1 S60 - P 0 0 - B 0100 - A 05**

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**J2** Straight/tapered  
RTD,  
6 and 8mm diam.,  
with connection head  
and "Triclamp"  
attaching device.

**Electrical connection**

2/3/4-wire sing.el.      2x2 w. dual el.      2x3 w. dual el.

**"Triclamp" att.device dimensions**

DN	ø1	H
DN 25	50	6.5
DN 40	50	6.5
DN 50	63	7

Connection head	Diameter ø G mm	Base code	Value in [ohm] at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Tapering ø R x LR mm	Attaching device	Extension LE mm
Miniat. IP67 	6	J2 M60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	O100	0 D4 x 50	A Triclamp DN 25 (1")	O5 50
	8	J2 M80	X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 Thin film 250 °C max		O150	1 D4 x 80	B Triclamp DN 40 (1"1/2)	O8 80
Standard IP67, optional transmitter * 	6	J2 S60	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN			O200	2 D4 x 100	C Triclamp DN 50 (2")	10 100
	8	J2 S80								
	6 + T	J2 T60	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			O250	3 D5 x 50		
	8 + T	J2 T80		4 4-wire single el. 1/3 DIN			O300	4 D5 x 80		
Nylon IP65, optional transmitter * 	6	J2 N60		5 4-wire single el. Cl. B (1 DIN)			O350	5 D5 x 100		
	8	J2 N80								
	6 + T	J2 Y60		6 6-wire dual el. Cl. B (1 DIN)			O400			
	8 + T	J2 Y80		7 6-wire dual el. Cl. A (1/2 DIN)			O450			
EEx d IIB IP65, optional transmitter * 	6	J2 X60		8 6-wire dual el. 1/3 DIN			O500			
	8	J2 X80								
	6 + T	J2 U60								
	8 + T	J2 U80					L min O080			

Note: \* Transmitter for single element only

Note: other lengths on request for LG and LE. Code ex.: LG = 135mm Code 0135 / LE = 60mm Code 06

**Reference model:**

Straight/tapered RTD, standard head, 6mm sheath o.d.,  
3-wire Pt100 single element, class B (1 DIN), ceramic  
element, AISI316 sheath, 100mm length, 4x50mm  
tapering, DN25 "Triclamp" food attaching device, 50mm  
extended length.

**J2 S60 - P 0 0 - B 0100 . 0 - A 05**

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