

J3 Straight RTD
6 and 8mm
o.d. 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 dim.

DN	ø1	ø2	H
DN 25	44	63	30
DN 40	56	78	34
DN 50	68	92	36

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	J3 M60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	D Triclamp DN 25	05 50
	8	J3 M80	X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 Thin film 250 °C max		0150	E Triclamp DN 40	08 80
Standard IP67, optional transmitter 	6	J3 S60	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN			0200	F Triclamp DN 50	10 100
	8	J3 S80							
	6 + T	J3 T60	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			0250		
	8 + T	J3 T80		4 4-wire single el. 1/3 DIN			0300		
Nylon IP65, optional transmitter 	6	J3 N60		5 4-wire single el. Cl. B (1 DIN)			0350		
	8	J3 N80							
	6 + T	J3 Y60		6 6-wire dual el. Cl. B (1 DIN)			0400		
	8 + T	J3 Y80		7 6-wire dual el. Cl. A (1/2 DIN)			0450		
EEx d IIB IP65, optional transmitter 	6	J3 X60		8 6-wire dual el. 1/3 DIN			0500		
	8	J3 X80							
	6 + T	J3 U60							
	8 + T	J3 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

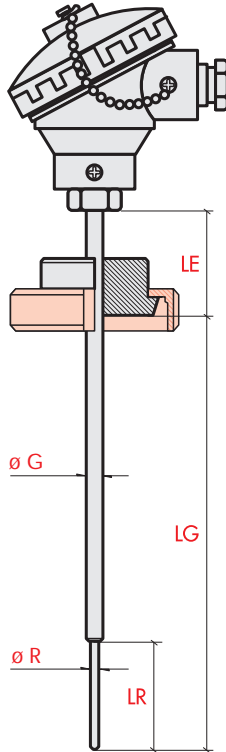
Reference model:

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

J3 S60 - P 0 0 - B 0100 - D 05

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Electrical connection

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

Triclamp att.device dim.

DN	ø1	ø2	H
DN 25	44	63	30
DN 40	56	78	34
DN 50	68	92	36

J4 Straight/tapered
RTD,
6 and 8 mm o.d.,
connection head
and triclamp
attaching device

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 øR x LR mm	Attaching device	Extension LE mm
Miniat. IP67 	6	J4 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	D Triclamp DN 25	O5 50
	8	J4 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	E Triclamp DN 40	O8 80
Standard IP67, optional transmitter * 	6	J4 S60	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN			O200	2 D4 x 100	F Triclamp DN 50	10 100
	6 + T	J4 T60	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			O250	3 D5 x 50		
	8 + T	J4 T80		4 4-wire single el. 1/3 DIN			O300	4 D5 x 80		
					5 4-wire single el. Cl. B (1 DIN)			O350	5 D5 x 100	
Nylon IP65, optional transmitter * 	6	J4 N60		6 6-wire dual el. Cl. B (1 DIN)			O400			
	8	J4 N80		7 6-wire dual el. Cl. A (1/2 DIN)			O450			
	6 + T	J4 Y60		8 6-wire dual el. 1/3 DIN			O500			
	8 + T	J4 Y80								
EEx d IIB IP65, optional transmitter * 	6	J4 X60								
	8	J4 X80								
	6 + T	J4 U60								
	8 + T	J4 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, 8mm sheath o.d., 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, 4x50mm tapering, DN25 triclamp food attaching device, 50 mm extension.

J4 S80 - P 0 0 - B 0100 . 0 - D 05

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