

JUMO Wtrans T - RTD Temperature Probe with Wireless Data Transmission (902930)



- For stationary and mobile measurements
- Measuring ranges: -30 to +260 °C or -200 to +600 °C
- Radio frequency: 868.4 MHz or 915 MHz
- Also available with ATEX approval
- Open air range up to 300 m
- Configurable transmission interval (1 to 3600 s)

Order details

										(1) Basic type									
										902930/10	Wtrans probes T01.G1 RTD insertion temperature probe, ambient temperature, housing: -30..+85°C								
										902930/12	Wtrans probes T01.G1 Mineral-insulated temperature probe w.flexible protect.tube, ambient temperature, housing:-30..+85°C								
										902930/15	Wtrans probe T03.G1 Ex Insertion RTD with ATEX approval (ambient temperature of housing: -30...+85°C)								
										902930/17	Wtrans probe T03.G1 Ex MI RTD with ATEX approval (ambient temperature of housing: -30...+85°C)								
										902930/20	Wtrans probe T02.G1, RTD insertion temperature probe (ambient temperature housing: -25..+125 °C)								
										902930/22	Wtrans-probe T02.G1, mineral-insulated temperature probe (ambient temperature housing: -25..+125 °C)								
										902930/50	Wtrans probes T01.G2 with M12 connector for RTD temperature probes(ambient temperature, housing: -30..+85°C								
										902930/55	Wtrans probe T03.G2 Ex with M12 connector and RTD (ambient temperature of housing: -30...+85°C)								
										902930/60	Wtrans-probe T02.G2 w. M12-connector for RTD temperature probe, ambient temperature, housing: -25..+125°C								
										(2) Operating temperature in °C									
											150	-200..600°C							
											415	-50..600°C							
											596	-30..260°C							
										(3) Measuring input									
											1006	1x Pt1000 in 3-wire circuit							
										(4) Tolerance class									

						X	X		0	No tolerance defined
X	X	X	X	X	X		X		2	Class A
									(5) Diameter prot. tube	
						X	X		0,00	Without protection tube
		X			X				1,90	1,9mm
			X						2,00	2mm
X				X					2,50	2,5mm
	X		X		X				3,00	3mm
X		X		X			X		4,00	4mm
X				X					4,50	4,5mm
X	X	X	X	X	X		X		6,00	6mm
			X				X		9,00	9mm
									(6) Insertion length	
						X	X		0,00	Without protection tube
		X	X						30,00	30mm
		X	X						80,00	80mm
X	X			X	X		X		100,00	100mm
		X	X						130,00	130mm
X	X			X	X		X		150,00	150mm
X				X			X		200,00	200mm
X	X	X	X	X	X		X		50,00 - 10000,00	50 - 10000mm
									(7) Insertion tip	
						X	X		0	Without protection tube
X	X	X	X	X	X		X		1	Plain
X				X					2	centric, angle 25°
X				X					3	bevel, angle 45°
									(8) Transmitter frequency	
X	X	X	X	X	X	X	X	X	10	SRD band 868,4 MHz (Europe)
X	X			X	X	X		X	20	915 MHz (USA, Australia, Canada and New Zealand)
									(9) Process connection	
X	X	X	X	X	X	X	X	X	000	Without process connection
X		X		X					103	Screw connection G 3/8
X		X		X					104	Screw connection G 1/2
									(10) Extra codes	
X	X			X	X	X		X	000	Without extra code
		X	X						362	Ex-protection Ex i according to directive 2014/34/EU (ATEX)
X	X	X	X	X	X	X	X	X	778	Customer-specific transmission interval (specification in plain text between 1..3600s)

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
 - - - - - - - - - /

Quantity discount:

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire

Important information:

Listed compression fittings and flanges are only available for the 6 mm protection tube diameter!

Wall mounting holders for Wtrans transmitters are not allowed to be used in the Ex area.

To basic type 902930/15 and 902930/17 (ATEX)

The standard extension tube length (position 6) is 70 mm. Upon request, 120 mm can be ordered (when ordering specify in plain text). The extension tube length is added to the chosen insertion length. For the calculation of the heat input a temperature-dependent calculation basis is available for 70 mm and 120 mm extension tube lengths (see operating manual).

To basic type 902930/55 (ATEX)

When ordering, specify the PTFE connecting cable length (AL) in plain text!

Only use basic type 902930/55 with the corresponding JUMO RTD temperature probes with PTFE connecting cable. The design type of the JUMO RTD temperature probes is to be coordinated when ordering.



Stock versions

Order code	Part no.
902930/10-596-1006-2-4-100-2-10-000/000	00493668
902930/20-596-1006-2-4-100-2-10-000/000	00537803
902930/50-150-1006-0-0-0-0-10-000/000	00506791
902930/60-150-1006-0-0-0-0-10-000/000	00537805

Accessories

Description	Part no.
KBAT Battery-Set 3,6 V/2100 mAh Lithium EBD BATTERY ETS	00525539
Battery-Set 3,6 V/1700 mAh Lithium (+125 EBD BATTERY ETS	00534690
Premade li-battery 3.6 V, 1.7,Ah, 125°C, vibration resistant	00641042
902150/10-386-1006-2-6-100-56-2500/315,3	00514417
902150/10-386-1006-2-6-200-56-2500/315,3	00514440
Connector M12x1, 4-pole Series 713	00506319
SET Wall holder Wtrans probe protection	00503317
SET Wall holder Wtrans probe protection	00503326
SET Wall holder Wtrans probe protection	00503328
SET Wall holder Wtrans probe protection	00503329
Wtrans-color cap probe(PEI)(10 pieces, g	00525950
Wtrans-color cap set probe(PEI)(10 piece	00525951
Wtrans-color cap set probe(PEI)(10 piece	00525952
Wtrans-color cap set probe(PEI)(10 piece	00525953
Color rings Wtrans probe 902930 complete Farbringe	00489047
Set Wtrans case sealing 2 x 3 pieces	00532794
Tube screw connection G 1/4A Verschraubung Klemmverschraubung	00080811
Tube screw connection G 3/8A Verschraubung Schneidringverschraubung Klemmverschr.	00057945
Compression Fitting G1/2 D=6mm SS Klemmverschraubung Verschraubung	00305445
Compression Fitting G 3/4 D=6mm SS	00080757
Compression Fitting M8 D=3,1 SS	00080810
Compression Fitting M 10x1 D=6mm SS Klemmverschraubung Verschraubung	00065416
Tube screw connection 1/2 -14 NPT Verschraubung Klemmverschraubung	00444210
Flange lØ 6,3 height 14mm	00065062
PC interface with converter USB/TTL	00456352
Activation for OnlineChart	00549188
preconfiguration (Service)	00427968
deployment of service	00427970

Accessories see price sheet:

- Pipe Screw Connections (909750)
- Flanges (909750)

Software

Description	Part no.
Setup-Program Wtrans	00488887
Setup program Wtrans inkl OnlineChart	00549067