

JUMO DELOS T – Electronic Temperature Switch with Display and Analog Output (902940)

- For temperatures from -50 to +260 °C (500 °C)
- Hygienic process connections
- Configuration performed with the rotary encoder on the temperature switch or set-up program
- M12 × 1 plug connector; protection type IP67 according to DIN EN 60529 with pushed in machine connector
- Positively lit LCD display



Order details

				(1) Basic type		
				902940/10	DELOS T - Electronic temperature switch without extension tube, parts in contact with the medium (partly), Ra <= 0,8 µm	
				902940/30	DELOS T - Electronic temperature switch with extension tube, parts in contact with the medium (partly), Ra <= 0,8 µm	
				902940/40	DELOS T - Electronic temp. switch w. display, analog output and adaptation system for pocket 902812/10* (please select respective pockets in data sheet 902812)	
				902940/50	DELOS T - Electronic temperature switch with M12x1 connection for RTD temperature probes	
				(2) Version		
X	X	X	X	8	Standard with default settings	
X	X	X	X	9	Customer-specific configuration (specification in plain text)	
				(3) Operating temperature in °C		
X				370	-50..150°C	
	X	X		386	-50..260°C	
			X	408	-50..500°C	
				(4) Measuring insert		
X	X	X	X	1013	1x Pt1000 in 4-wire circuit	
				(5) Tolerance class		
			X	0	No tolerance defined	
X	X	X		2	Class A	
X	X	X		3	Class AA	
				(6) Output		
X	X	X	X	470	1x PNP switching output	
X	X	X	X	471	2x PNP switching output	
X	X	X	X	475	1x PNP switching output and 1 analog output 4 to 20 mA, user configurable	
X	X	X	X	476	1x PNP switching output and 1x analog output 0 to 20 mA, configurable	
X	X	X	X	477	1x PNP switching output and 1x analog output 0 to 10 V, configurable	
				(7) Diameter prot. tube		
			X	0,00	Without protection tube (not relevant)	
		X		3,00	Ø 3 mm	
X	X			6,00	Ø 6 mm	
				(8) Insertion length		
X	X	X		0,00	Without protection tube	
X	X	X		50,00	50mm	
X	X	X		100,00	100mm	
X	X	X		150,00	150mm	
X	X	X		50,00 - 1000,00	50 - 1000mm	
				(9) Process connection		
X	X		X	000	Without process connection	
X	X			102	Screw connection G 1/4 (stainless steel 316 Ti)	

X	X			103	Screw connection G 3/8
X	X			104	Screw connection G 1/2 (stainless steel 316 Ti)
X	X	X		105	Screw connection G 3/4
X	X			118	Screw connection M12 x 1,5 (stainless steel 316 Ti)
			X	120	Screw connection M14 x 1 for adaptation of hygienic pockets (stainless steel 316 L)
X	X			126	Screw connection M18 x 1,5 (stainless steel 316 Ti)
X	X			128	Screw connection M20 x 1,5 (stainless steel 316 Ti)
X	X			144	Screw connection 1/2-14NPT (stainless steel 316 Ti)
X	X			163	Union nut G 3/8 (stainless steel 316 Ti)
X	X			380	Screw connection G 1/2 with CIP-compliant conical seal
X	X			601	Taper socket with union nut DN 10 DIN 11851 (dairy compression fitting)
X	X			604	Taper socket with union nut DN 25 DIN 11851 (dairy compression fitting)
X	X			605	Taper socket with union nut DN 32 DIN 11851 (dairy compression fitting)
			X	611	Clamping socket (clamp) DN 10/20 DIN 32676
X	X			613	Clamping socket (clamp) DN 25/32/40 DIN 32676 (1 1/2" ISO 2852)
X	X			616	Clamping socket (Clamp) DN 50 DIN 32676 (2" ISO 2852)
X	X			617	Clamping socket (clamp) 2 1/2" similar to DIN 32676
X	X			681	Ball welding socket with threaded fitting
X	X			682	Welding socket with CIP-compliant conical seal
X	X			684	VARIVENT connection DN 15/10
X	X			685	VARIVENT connection DN 32/25
X	X			686	VARIVENT connection DN 50/40
X	X			840	Ball welding sleeve (material 316 Ti)
X	X			997	JUMO PEKA hygienic process connection
				(10) Extra codes	
X	X	X	X	000	Without extra code
X	X			310	Protection tube stepped down from Ø 6 mm to Ø 3,8 mm
X	X			810	Welding socket (only for process connection 380)

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
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Quantity discount:

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire


Stock versions

Order code	Part no.
902940/10-8-370-1013-2-475-6-50-104/000	00552544
902940/10-8-370-1013-2-475-6-100-104/000	00550991
902940/10-8-370-1013-2-475-6-150-104/000	00552545
902940/10-8-370-1013-2-475-6-200-104/000	00552547
902940/10-8-370-1013-2-475-6-150-000/000	00551003
902940/50-8-408-1013-0-475-0-0-000/000	00551004

Accessories

Description	Part no.
Tube screw connection G 1/4A Verschraubung Klemmverschraubung	00080811
Compression Fitting G1/2 D=6mm SS Klemmverschraubung Verschraubung	00305445
Machine connector M12x1,4-pole as per IEC RS 115-2499	00404727
902150/99-386-1013-2-6-100-56-2500/315	00551310
902150/99-386-1013-2-6-100-56-2500/317	00551311
SET Wall holder for DELOS T with M12x1 c	00555129
Line socket 4-pole, M12x1, straight, 2 m	00404585
Line socket 4-pole, M12 x 1, angled, 2 m	00409334
Y-connecting cable, 5pole 200/1000lg	00507861
Multi-purpose tool	00526614
PC interface with converter USB/TTL	00456352

Accessories see price sheet:

- JUMO PEKA – Hygienic Process Connection (409711)
- Pipe Screw Connections (909750)
- Flanges (909750)

Software

Description	Part no.
JUMO Setup DELOS T	00550018