JUMO CTI-500 - Inductive Conductivity/Concentration and Temperature Transmitter with Switching Contacts (202755)



- Activation of up to four measuring ranges
- Activation of up to four temperature coefficients
- Fast-response temperature sensor
- Linear temperature compensation, natural water, own characteristic line (learn function)
- Operation via keypad / LCD display or setup program
- Operating languages: English, German, French, Dutch, Spanish, Polish, Swedish, Italian, Portuguese
- Convenient programming via setup program, plant documentation
- Desalination control

Order details

							(1)	**Basic type**
							202755/10	JUMO CTI-500 head transmitter without display / keypad
							202755/15	JUMO CTI-500 head transmitter with display / keypad
							202755/20	JUMO CTI-500 transmitter without display / keypad without probe
							202755/25	JUMO CTI-500 transmitter with display / keypad without probe
							202755/60	JUMO CTI-500 transmitter without display / keypad with probe (cable length: 10 m)
							202755/65	JUMO CTI-500 transmitter with display / keypad and probe (cable length: 10 m)
							202755/80	JUMO CTI-500 replacement probe with 10 m cable without transmitter
							(2)	**Process connection**
X	X			X	X	X	168	Union nut G 1 1/2 PVC
X	X			X	X	X	169	Union nut G 1 1/2 CrNi
X	X			X	X	X	607	Taper socket with union nut DN 50 DIN 11851 (dairy compression fitting)
X	X			X	X	X	617	Clamping socket (clamp) 2 1/2" similar to DIN 32676
X	X			X	X	X	690	SMS DN 2
				X	X	X	706	Immersion version
							(3)	**Process connection material**
X	X	X	X	X	X	X	00	Without process connection
X	X	X	X	X	X	X	130	PE
X	X	X	X	X	X	X	21	CrNi 1.4301
X	X	X	X	X	X	X	26	CrNi 1.4571
X	X	X	X	X	X	X	46	CuZn (brass)
X	X	X	X	X	X	X	86	PVC
X	X	X	X	X	X	X	87	PP
X	X	X	X	X	X	X	88	PVDF
							(4)	**Insertion length**
X	X	X	X	X	X	X	0,00	Not available
X	X	X	X	X	X	X	78,00	78,00 mm
X	X	X	X	X	X	X	80,00	80,00 mm
X	X	X	X	X	X	X	81,00	81,00 mm
X	X	X	X	X	X	X	500,00	500 mm immersion version
X	X	X	X	X	X	X	1000,00	1000 mm immersion version
X	X	X	X	X	X	X	1500,00	1500 mm immersion version
X	X	X	X	X	X	X	2000,00	2000 mm immersion version
							(5)	**Electrical connection**
						X	21	Fixed cable with M12 connector
X	X	X	X	X	X		82	Cable fitting
X	X	X	X	X	X		83	M12 connector
X	X	X		X	X		84	2 cable glands M16 and 1 plug
							(6)	**DNV GL approved**
X	X	X	X	X	X	X	000	Without approval
X	X						062	With DNV GL approval
							(7)	**Extra codes**
X	X	X	X	X	X	X	000	Without extra code
X	X			X	X	X	268	Inner temperature probe

X	X			X	X	X	768	Cell material PVDF
X	X	X	X	X	X		844	Power supply 24 V AC +/-15 %

Order code

(1) (2) (3) (4) (5) (6) (7)

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Stock versions

Order code	Part no.
202755/10-0-168-0-82/000	00445842
202755/10-0-168-0-82/268,	00458083
202755/15-0-168-0-82/000	00445843
202755/65-0-706-1000-82/000	00457536

Accessories

Description	Part no.
Flange DN32, material: PP	00083375
Flange DN50, material: PP	00083376
Weld-on threaded adapter DN50, DIN 11 85	00085020
Grooved union nut DN 50 (PG209791)	00343368
Grooved union nut SMS DN 2" (PG209791) Mutter	00345162
Union nut G 1 1/2 PVC (PG209791)	00439199
Union nut G 1 1/2 stainless steel 202755	00452039
Special tee 1 DN32, PVC, including threa (60°C max.)	00439247
Special tee DN40 PVC including thread (60°C max.)	00439249
Special tee DN32, material: PP	00449511
Special tee DN40, material: PP Rohs	00449514
Special tee DN50, material: PP Rohs	00449516
M12 connector 8-pin straight (PG209791) by user	00444307
M12 socket connector, 8-pole, straight for assembly by user	00444312
M12 socket connector, 5-pole, straight, for assembly by user	00444313
Set socket connectors TZ 580 for 202755/	00529482
Cover with LC-display and keyboard CTI-5	00443725
Joint for suspended fitting	00453191
DIN rail mounting set	00459903
Pipe installation kit for CTI-750 (VA)	00515128
Adjustment set (for calibrating a replac transmitter)	00459436
CTI-Schaltnetzteil Typ PS5R-VB-24V rail mounting; Input voltage 100 ... 240V AC / 50 ... 60Hz, Output voltage 24V DC / 0,3A	00374661
PC interface with converter USB/TTL	00456352
concentration curve for CTI-500/750 for via Setup-Software.	00592816
Wartung Analysenmesstechnik	00758365
deployment of service	00427970

Software

Description	Part no.
Setup JUMO CTI-500 (PG202599)	00447634