

TEK-WAVE 4300B

FMCW Bluetooth Radar Level Transmitter



4300B FMCW Bluetooth Radar Level Transmitter Modbus Registers

NO.	Register Type		Register Address (Decimal)	Register Number (Hexa-decimal)	Register Name	Byte	Unit	Data Type		Configurable Values	Default Value
1	Quick Setup		0500-0501	0X01F4	Level	4 Bytes	m	Float	R	4 digits after the decimal point	
			0502-0503	0X01F6	Distance	4 Bytes	m	Float	R	4 digits after the decimal point	
			0504-0505	0X01F8	Percent	4 Bytes	%	Float	R	4 digits after the decimal point	
			0506-0508	0X01FA	Current	4 Bytes	mA	Float	R	4 digits after the decimal point	
			0050-0051	0X0032	Min.0%	4 Bytes	m	Float	R/W	4 digits after the decimal point	
			0052-0053	0X0034	Max.100%	4 Bytes	m	Float	R/W	4 digits after the decimal point	
			0009	0X0009	Unit	2 Bytes		Int	R/W	(0-1) 0=m 1=ft	1=ft
2	Basic Setup		0011	0X000B	Damping	2 Bytes	s	Int	R/W	0-99	05
			0012	0X000C	Dielectric constant	2 Bytes		Int	R/W	0=1.4-1.6, 1=1.6-1.9, 2=1.9-2.5 ,3=2.5-4 ,4=4-7, 5=>7.	2=1.9-2.5
			0062-0063	0X003E	Max. dead zone	4 Bytes	m	Float	R/W	4 digits after the decimal point	0m
			0064-0065	0X0040	Min. dead zone	4 Bytes	m	Float	R/W	4 digits after the decimal point	value set in min.0%
3	Security	Current Output	0013	0X000D	Current direction	2 Bytes		Int	R/W	0=4-20mA , 1=20-4mA	0=4-20mA
			0020	0X0014	Alarm output	2 Bytes		Int	R/W	0=Hold, 1=3.5mA, 2=20.5mA, 3=22mA	0=Hold
			0021	0X0015	Boot current	2 Bytes		Int	R/W	0=Hold, 1=3.5mA, 2=20.5mA, 3=22mA	0=Hold
4	Communication		0048	0X0030	RS485 address	2 Bytes		byte	R/W	0-99	
			0015	0X000F	Baud	2 Bytes		Int	R/W	0=1200,1=2400,2=4800,3=960 0,4=19200 , 5=38400, 6=57600, 7=115200	0=1200



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