

WAGO Signal Conditioners with Specialty Functions

WAGO Threshold Value Switches

Selection Guide

Image	Description	Circuit Diagrams	Input Signal																										
			Frequencies																										
Frequency Signal Conditioner																													
	Frequency Signal Conditioner	<table><tr><td>1.1</td><td>TC+</td><td rowspan="2">INPUT SENSOR</td><td rowspan="2">DO</td><td>4.1</td></tr><tr><td>1.2</td><td>TC-</td><td>GND</td><td>4.2</td></tr><tr><td>2.1</td><td>11</td><td rowspan="4">RELAY</td><td rowspan="2">POWER</td><td>5.1</td></tr><tr><td>2.2</td><td>12</td><td>GND</td><td>5.2</td></tr><tr><td>3.1</td><td>11</td><td rowspan="2">POWER</td><td>6.1</td></tr><tr><td>3.2</td><td>14</td><td>GND</td><td>6.2</td></tr></table>	1.1	TC+	INPUT SENSOR	DO	4.1	1.2	TC-	GND	4.2	2.1	11	RELAY	POWER	5.1	2.2	12	GND	5.2	3.1	11	POWER	6.1	3.2	14	GND	6.2	Frequency signals; NAMUR/NPN or PNP sensors 0.1 ... 120 kHz
1.1	TC+	INPUT SENSOR	DO	4.1																									
1.2	TC-			GND	4.2																								
2.1	11	RELAY	POWER	5.1																									
2.2	12			GND	5.2																								
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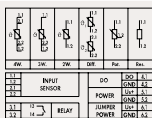
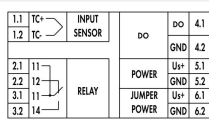
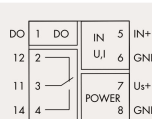
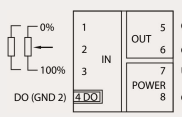
Image	Description	Circuit Diagrams	Input Signal			
			Current	Voltage	Bipolar Signals (I/U)	Sensors
Threshold Value Switches						
	RTD Threshold Value Switch					0 ... 100 kΩ; Pt100; Pt200; Pt500; Pt1000; Pt5000; Pt10,000; Pt10 ... 20,000
	Thermocouple Threshold Value Switch					Type J, K, E, N, R, S, T, B, C
	Analog Threshold Value Switch		0 ... 10 mA 2 ... 10 mA 0 ... 20 mA 4 ... 20 mA	0 ... 5 V; 1 ... 5 V; 0 ... 10 V; 2 ... 10 V; 0 ... 15 V; 0 ... 30 V	±10 mA ± 20 mA ±5 V ±10 V	

Image	Description	Circuit Diagrams	Input Signal	
			Potentiometers	Resistors
Signal Conditioners with Specialty Functions				
	Potentiometer Signal Conditioner		0 ... 100 kΩ	10 ... 100 kΩ

Power Supply U_s	Output Signal		Configuration	Specialty Functions	Item No.	Page
	Current	Voltage				
24 VDC	0 ... 10 mA 2 ... 10 mA 0 ... 20 mA 4 ... 20 mA	0 ... 5 V 1 ... 5 V 0 ... 10 V 2 ... 10 V	DIP switch; Interface configuration software/app	Clipping	857-500	322

Power Supply U_s	Output Signal		Configuration	Specialty Functions	Item No.	Page
	Relay (1 changeover contact)	Relay (1 make contact)				
24 VDC		250 VAC 6 A	DIP switch; Interface configuration software/app/display	Digital output DO; Relay with 1 make contact (250 VAC / 6 A); Simulation	2857-533	292
24 VDC	250 VAC 6 A		DIP switch; Interface configuration software/app/display	Digital output DO; Relay with 1 changeover contact (250 VAC / 6 A); Simulation	2857-534	294
24 VDC	250 VAC 6 A		DIP switch; Push/slide switch; Interface configuration software/app	Digital output DO; Relay with 1 changeover contact (250 VAC/6 A)	857-531	296

Power Supply U_s	Output Signal		Configuration	Specialty Functions	Item No.	Page
	Current	Voltage				
24 VDC	0 ... 10 mA 2 ... 10 mA 0 ... 20 mA 4 ... 20 mA	0 ... 5 V 1 ... 5 V 0 ... 10 V 2 ... 10 V	DIP switch; Push/slide switch; Interface configuration software/app	Clipping	857-809	320