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LCD MULTIFUNCTION COUNTER, CODIX 923/924

6.924.0102.300
Preset counter Codix 924 2 relay 30VDC



- 10-30 V dc /100-240 V ac
- Pulse, Frequency, time - 1-6 Presets
- 2 Row, 6+6 Digit display
- 65 kHz Max. input

PRODUCT DESCRIPTION

Codix 923 and Codix 924 are two multifunction counters with the same properties. Combined pulse counter, position counter, chronometer and tachometer. Codix 923 has 1 preset, while Codix 924 has a selectable 1 or 2 presets. There is a 2-line, 6-digit LCD display as standard. Codix 923 without background lighting, Codix 924 with one LED look variant. Adjustable scale factor. The relay outputs are adapted for either active closing or breaking. There is also an adjustable activation time for the outputs. The presets are set using buttons on the front of the counter. Resetting takes place manually, electrically or automatically. There is a built-in memory backup. The counters have an internal sensor feed of 24 V DC. Codix 924 is also available in a version with an optocoupler output (not kept in stock) or with 4 to 6 presets (not kept in stock).

Pulse counter/position counter

For counting and adding pulses, also works as a position counter together with an angle sensor.
The counter function is selected during programming

Count.Dir	A=counter input B=counter direction	Quad	A=0° (designed for two-channel angle sensor) B=90°
UpDown	A=counting up B=counting down	Batch	Counts the number of units and number of boxes an checks box feed
UpUp	The total for two inputs	AddTot	Preset + total

Batch counter

The following is meant by batch counter: Preset one is 1 batch preselection. Preset 2 is a repeating one. With batch preselection, you specify how many cycles you want to count. E.g.: You want to count 100 units 7 times. Here, you set the batch preselection to 7 and the second preset to 100. This setting takes place in the same way as counter setting, with the exception of the fact that a preset is a batch preselection.

Chronometer/timer

For timing where the outputs are activated once a preset time is reached. Adjustable time ranges in one of the following ranges: h or min or sec, or h:min:s (e.g. 06 h:23 min:45 sec). The position of the decimal point determines the resolution of the time selected, e.g. whole seconds, tenths and hundredths of a second.

Tachometer (frequency/revolution counter)

For displaying speed, e.g. rpm or metres per second. The counter speed can be selected between 30 Hz or 10 kHz.

Connection			
1	Power supply sensor 24 V DC		
2	GND (0 V DC)		
3	Signal input A		
4	Signal input B		

5	Reset input		
6	Button lock input		
7	GATE (Gate input)		
8	User input		
9	Relay contact (C) Collector	Output 1	
10	Relay contact (N.O.) Emitter	Output 1	
11	Relay contact (C) Collector	Output 2	
12	Relay contact (N.O.) not allocated	Output 2	
13	Relay contact (N.C.) Collector		
14	AC: 90-260 V AC N~ DC: 10-30 V DC	Supply voltage	
15	AC: 90-260 V AC L~ DC: GND (0 V DC)	Supply voltage	
16-20	Free locations		



