

## LED Multifunction Preset Counters – Type 571



OS2 software for parameter setting can be downloaded at [www.kuebler.com](http://www.kuebler.com)

### Your benefit

- AC and DC supply voltage in one unit
- Measuring function can be programmed for RPM, speed (from elapsed time), machine cycle time, throughput and baking time (time interval), as well as numerous count and stop-watch functions
- Scalable display, programmed via 2 keys
- Large 15 mm [0.591"] high LED-display, 6-digit, with adjustable brightness

### Product features

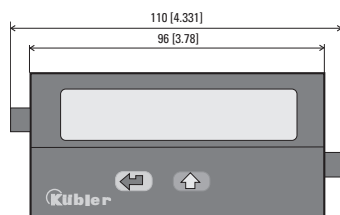
- Fast count input, works with our LIMES measuring system (100KHz)
- Version with 2 optocoupler outputs for alarms
- Version with analogue output, resolution 14 Bit: 0 ... 10 V, +10 V ... -10 V, 0 ... 20 mA, 4 ... 20 mA
- Version with serial interface RS232/485 for importing and exporting data
- 48 x 96 mm [1.89 x 3.78"] DIN housing, IP 65

### Technical data:

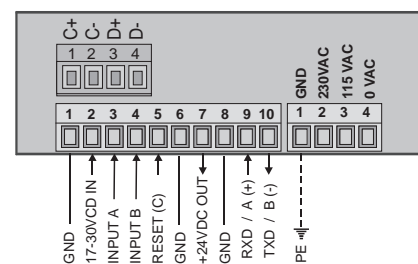
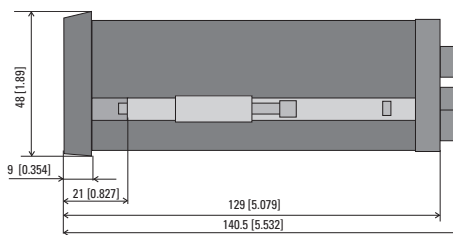
Supply voltage:	16 ... 35 V DC (Normal voltage: 24 V DC)
Display:	15 mm [0.591"] high LED-display, 6 digits
Current consumption [DC]:	18 V: 120 mA; 24 V: 95 mA; 30 V: 80 mA
Power consumption [AC]:	7.5 VA
Sensor power supply:	24 V DC ± 15%, 120 mA (at AC and DC supply)
Inputs:	3 Inputs (PNP, NPN and Namur) A, B = Impulse, C = Reset
Max. input frequency:	A, B = 25 kHz (100 kHz at count); C = 1 kHz
(Accuracy:	±1 ppm ± 1 digit
Input level HTL:	low: 0 ... 3,5 V high: 9 ... 35 V

<b>Outputs:</b>	
Analogue-Output:	0 ... +10 V, 0 ... -10 V (0.571.012.E90) and 0 ... 20 mA, 4 ... 20mA
Resolution:	14 Bit + Sign
Accuracy:	0,1 %
Optocoupler-Output:	5 ... 35 V DC/150 mA (0.571.011.E00)
Interface:	RS232 and RS485 acc. to ISO 1745 (0.571.012.E05) Drivecom Protocol
Operating temperature:	0 ... +45 °C [32 °F ... 113 °F]
Storage temperature:	-25 ... +70 °C [-13 °F ... 158 °F]
Protection:	IP 65 front side
EMC:	Interference emissions EN55011 Class B Interference resistance EN 61000-6-2
Device safety:	design to: EN61010 Part 1 protection: Class: 2 application area: Soiling Level
Weight:	approx. 200 g [7.055 oz]

### Dimensions:

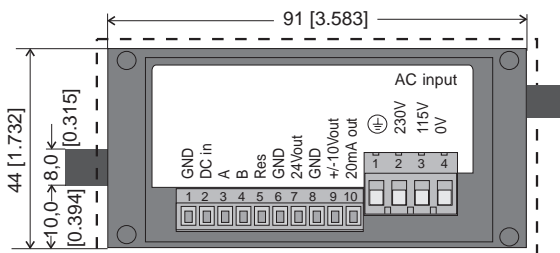


Panel cut out: 91 x 44 mm [3.583 x 1.732] Display with serial interface (0.571.012.E05)

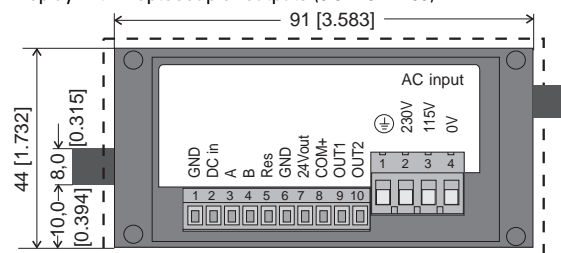


### Terminal assignment:

Display with analogue output (0.571.012.E90)



Display with 2 optocoupler outputs (0.571.011.E00)



### Delivery specifications:

- Display 571
- Mounting kit
- Gasket
- Plug-in screw terminals
- Manual German/English

### Order data:

- Display with 2 outputs Order code: 0.571.011.E00\*
- Display with analogue output Order code: 0.571.012.E90\*
- Display with ser. interface Order code: 0.571.012.E05

\* standard stock model

# Technology

## Large format LED display for counting systems of „Fritz Kübler GmbH“

### Slave display with serial RS232 data protocol

While with central control stations usually all information are displayed directly, process-related data have to be made available from major distances to a high number of persons. Our intelligent large-format-displays are the optimum solution to visualize this information. All data of the “Motrona counters” are readable from high distance by our large LED displays at any time.

Because of the modular concept of our large displays, customized requirements in hard- and software can be considered without any problems at any time.



© WE.TEC/KÜBLER, Example 3 digits

#### TECHNICAL DATA

Installation	indoor / outdoor
Display variants	single side readable / double side readable
Number of lines	any number of lines (1...x); with reference to the counting system
Number of digits	any number of digits (1...x); with reference to the counting system
Digit height	25 mm up to 1000 mm
Digit color	red, amber, green
Cabinet material	sheet steel / stainless steel
Protection class	IP54 / IP65
Fastening	wall, ceiling, panel mounting
Power supply	24VDC / 100...240VAC/50...60Hz

Day by day we realize specific displays according to customer's requirements. We offer individual solutions for different industrial sectors and applications. Out by our head office Grafenwoehr in Bavaria, we supply world-wide satisfied and successful enterprises. Worldwide, international and innovative concepts and projects proof our competence and efficiency.