

LED Multifunction Preset Counters – Type 571



OS2 software for parameter setting can be downloaded at 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

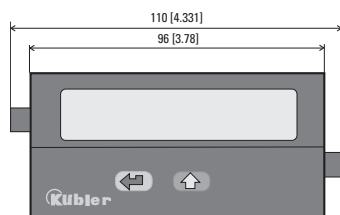
- Fast count input, works with our LIMES measuring system (100KHz)
- Version with 2 optocoupler outputs for alarms
- Version with analogue output, resolution 14 Bit: 0 ... 10 V, +10 V ... -10 V, 0 ... 20 mA, 4 ... 20 mA
- Version with serial interface RS232/485 for importing and exporting data
- 48 x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

Technical data:

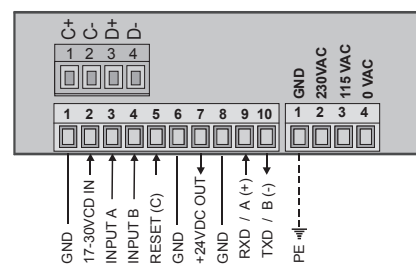
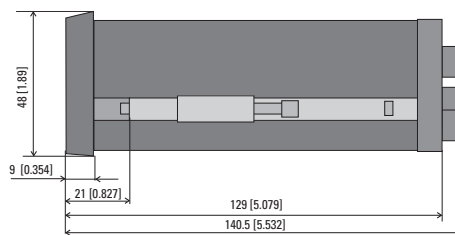
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|---------------------------|--|
| Supply voltage: | 16 ... 35 V DC (Normal voltage: 24 V DC) |
| Display: | 15 mm [0.591"] high LED-display, 6 digits |
| Current consumption [DC]: | 18 V: 120 mA; 24 V: 95 mA; 30 V: 80 mA |
| Power consumption [AC]: | 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 |

| | |
|------------------------|--|
| Outputs: | |
| 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:

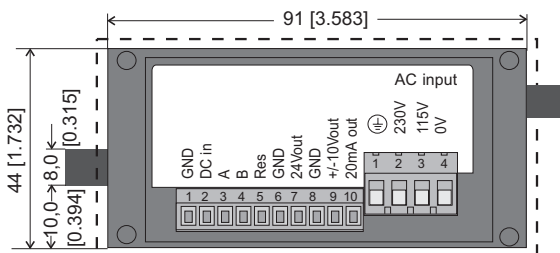


Panel cut out: 91 x 44 mm [3.583 x 1.732] Display with serial interface (0.571.012.E05)

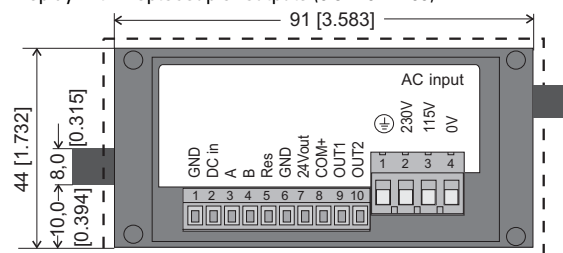


Terminal assignment:

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