

LED SSI Position Display – Type 570



OS2 software for parameter setting can be downloaded at www.kuebler.com

Your benefit

- AC and DC supply voltage in one unit
- Master- or slave mode
- Plug-in screw terminals
- SSI-clock frequency from 100 Hz up to 1 MHz
- Display and outputs may be adjusted using scaling- and offset-features
- Large 15 mm [0.591"] high LED-display, 6-digit, with adjustable brightness

Product features

- Suitable for SSI-protocols up to 25 Bit
- Version with 2 optocoupler outputs to work as limit or preset values; also with programmable tracking preset.
- Version with scaleable analogue output, resolution 14 Bit, 0 ... 10 V, -10 ... +10 V, 0 ... 20 mA or 4 ... 20mA
- Grey- or binary-code
- 48 x 96mm [1.89 x 3.78"] DIN-housing, IP 65

Technical data:

Supply voltage:	17 ... 30 V DC
	115/230 V AC \pm 12,5 %
Display:	15 mm [0.591"] high LED-display, 6 digits
Current consumption [DC]:	17 V: 190 mA; 24 V: 150 mA;
	30 V: 120 mA
Power consumption [AC]:	7.5 VA
Sensor power supply:	24 V DC \pm 15%, 120 mA

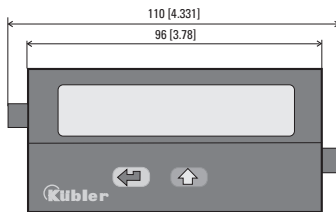
Inputs:

SSI-input frequency range:	100 Hz ... 1 MHz
Input reset:	PNP or NPN, programmable 5.1 mA 24 V DC/ R _i = 4.7 kOhm
Input level:	low: 0 ... 2 V hHigh: 9 ... 35 V
Reset time:	min. 5 ms

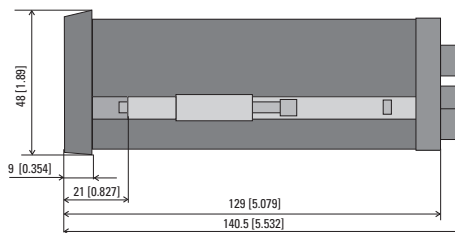
Outputs:

Scaleable analogue output (0.570.012.E90):	0 ... 10 V, -10 ... +10 V or 0 ... 20 mA, 4 ... 20mA
Resolution:	14 Bit + Sign
Accuracy:	0.1 %
Optocoupler output:	5 ... 35 V DC/150 mA (0.570.011.E00)
Interface:	RS232 and RS 485 to ISO 1745 Drivecom Protocol (0.570.012.E05)
Operating temperature:	0 ... +45 °C [32 ... 113 °F]
Storage temperature:	-25 ... +70 °C [-13 ... 158 °F]
Protection class:	IP 65 front side
EMC:	Immunity to interference: EN55011 class B Emitted interference EN61000-6-2
Weight:	approx. 200 g [7.055 oz]

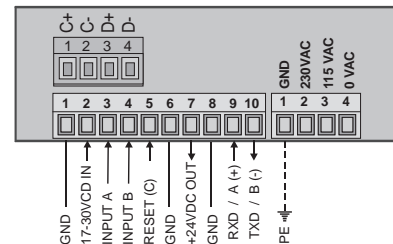
Dimensions:



Panel cut-out: 92 x 45 mm [3.622 x 1.772]

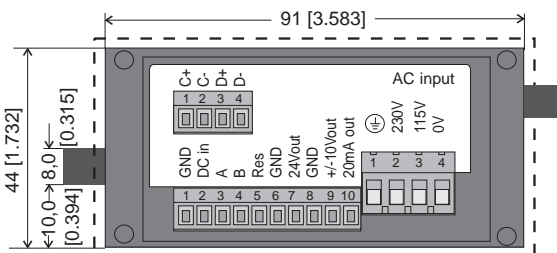


Display with serial interface (0.570.012.E05)

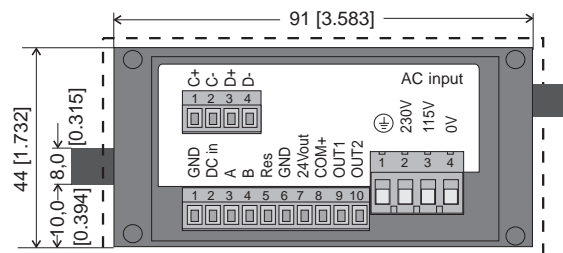


Wiring diagram:

Display with analogue output (0.570.012.E90)



Display with 2 optocoupler outputs (0.570.011.E00)



Do not connect A, B; C+, C- = clock signal SSI; D+, D- = data signal SSI

Delivery specifications:

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

Order code:

- Display with 2 outputs: 0.570.011.E00*
- Display with analogue output: 0.570.012.E90*
- Display with ser. interface: 0.570.012.E05

* standard stock model

Large Display 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.