

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 |

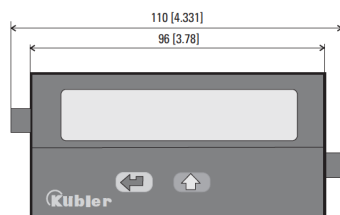
Inputs:

| | |
|----------------------------|--|
| 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 high: 9 ... 35 V |
| Reset time: | min. 5 ms |

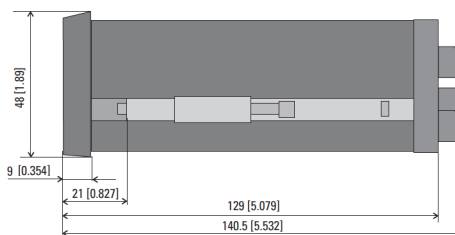
Outputs:

| | |
|--|---|
| 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] |

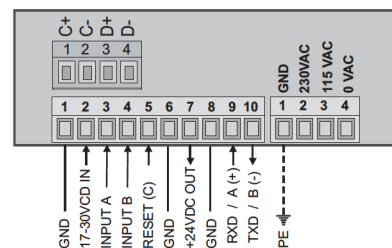
Dimensions:



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

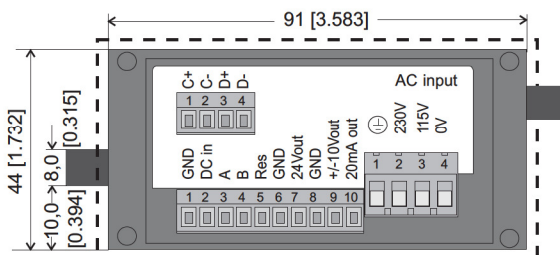


Display with serial interface (0.570.012.E05)

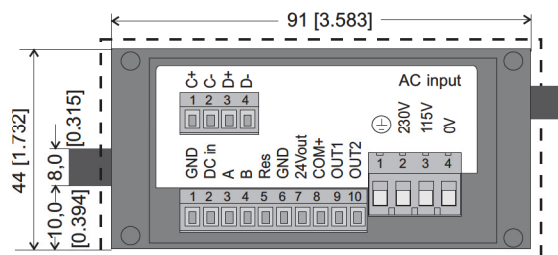


Wiring diagram:

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