

SSI-Display Type 570



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

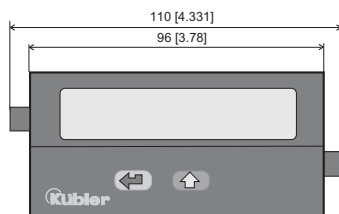
- Qualified for SSI-protocols up to 25 Bit
- Version with 2 optocoupler outputs to work as limit or preset values; also with programmable tracking preset.
- Version with scaleable analogue output, resolution 14 Bit, 0 ... 10 V, -10 ... +10 V, 0 ... 20 mA or 4 ... 20mA
- Grey- or binary-code
- 48 x 96mm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

Technical data:

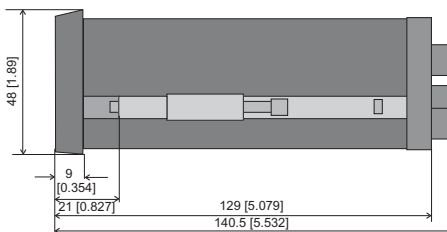
Supply voltage:	17 ... 30 V DC
Display:	15 mm [0.591"] high LED-display, 6 digits
Current consumption [DC]:	17 V: 190 mA; 24 V: 150 mA; 30 V: 120 mA
Power consumption [AC]:	7.5 VA
Sensor power supply:	24 V DC ± 15%, 120 mA
Inputs:	
SSI-input frequency range:	100 Hz ... 1 MHz
Input reset:	PNP or NPN, 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: (0.570.012.E05)	5 ... 35 V DC/150 mA
Interface:	RS232 and RS 485 to ISO 1745 Drivecom Protocol
Operating temperature:	0 ... +45 °C [32 ... 113 °F]
Storage temperature:	-25 ... +70 °C [-13 ... 158 °F]
Protection class:	IP 65 front side
EMC:	according to EC EMC directive 89/36/EWG
Interference emission:	EN 6100-6-3/EN 55011 class B
Interference resistance:	EN 6100-6-2
Weight:	approx. 200 g [7.055 oz]

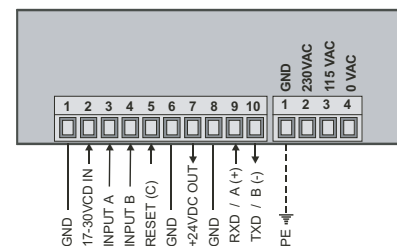
Dimensions:



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

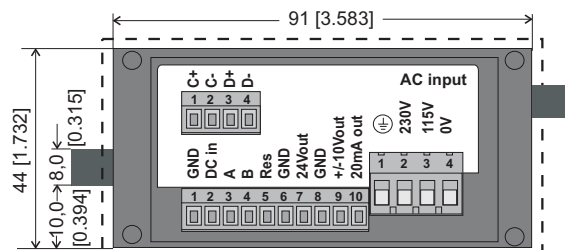


Display with serial interface (0.570.012.E05)

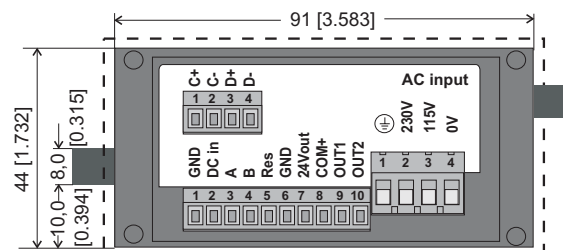


Wiring diagram:

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
- Seal
- 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