CODIX 530 with totaliser

Your benefit

- compact display for analog measuring values and integration function (totaliser) with programmable factor
- galvanic isolation with protection against incorrect polarity
- Display Hold input
- freely programmable characteristic curve end points

Input range

1 current measuring input,
1 voltage measuring input

- programmable Display Hold input (MPI) or integration function (totaliser) reset input

More advantages

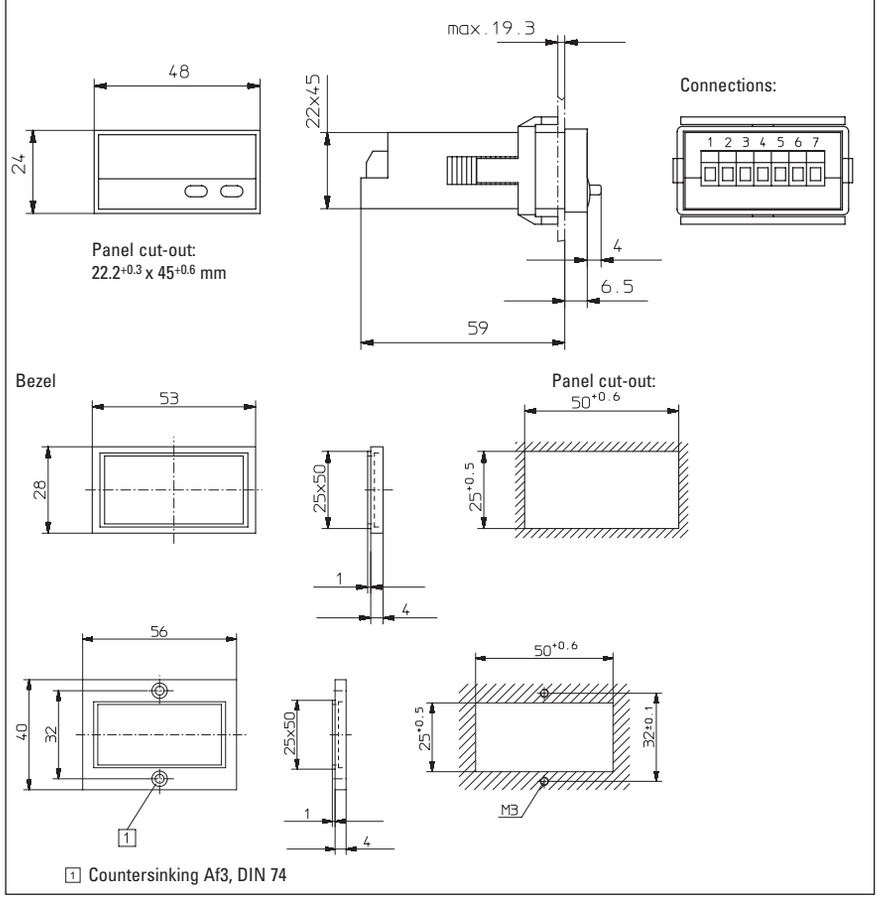
- display range -19 999 ... 99 999 with leading zeros suppression
- modern industrial design
- programmable mains hum suppression

Technical data

Supply voltage:	10 ... 30 V DC, galvanically isolated with integrated protection against incorrect polarity
Current consumption:	max. 50 mA
Display:	5-digit display, red 7-segment LED`s; height 8 mm
Measuring rate:	1 measurement/second
Data backup:	EEPROM
Housing:	housing for control panel 48 x 24 mm acc. to DIN 43 700; RAL 7021, dark grey
Ambient temperature:	–10 ... +50 °C
EMC:	according to EC EMC directive 89/36/EEC
Interference emissions:	EN 61 000-6-4/EN 55011 Class B
Interference resistance:	EN 61000-6-2
Protection:	IP65 (front)

Input current measurement:	0 ... 20 mA, 4 ... 20 mA voltage drop max 1.5 V DC
Input voltage measurement:	0 ... 10 V, 2 ... 10 V input resistance app. 1 MΩ max. input signal level 30 V DC
Control inputs:	High: 4 ... 30 V Dc Low: 0 ... 2 V DC
Resolution:	14 bits
Accuracy:	< 0.1 % for the whole measuring range at an ambient temperature of 20 °C
Temperature drift:	< 70ppm/$K_{Ambient}$
Accuracy:	50 ppm
Weight:	app. 50 g
Connection technique:	screw terminal, pitch 5.08 mm, 7 poles

Dimensions:



Connections:

1 10 ... 30 VDC
2 GND
3 GND
4 MPI
5 0 (4) ... 20 MA
6 Analog GND
7 0 (2) ... 10 V DC

Delivery includes:

Digital display
Panel mounting clip
Bezel for clip mount,
panel cut-out 50 x 25 mm
Bezel for screw mount,
panel cut-out 50 x 25 mm
Seal
Tack dry symbols
Multilingual operating instructions

Accessories see page 39

Order Code:

CODIX 530: 6.530.012.300