

## CODIX 529



### Your benefit

- Galvanic isolation with protection against incorrect polarity
- Autom. MIN/MAX value detection
- Freely programmable characteristic curve end points

### Input range

- 1 current measuring input,
- 1 voltage measuring input

### More advantages

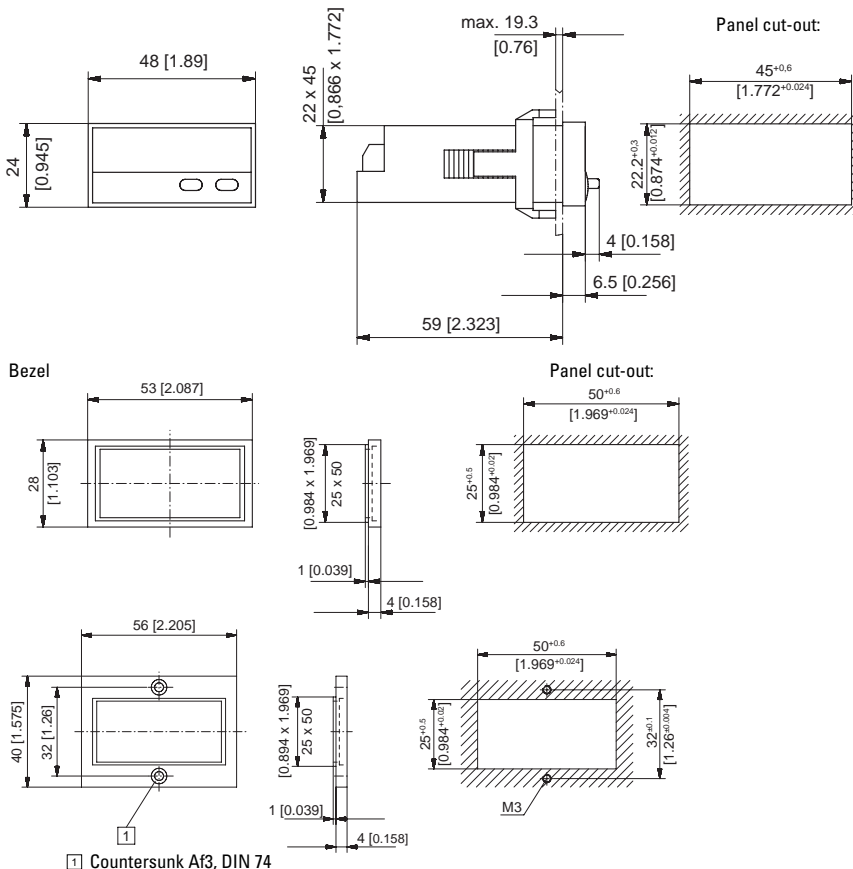
- Compact display for analogue standard signals
- Display range -19 999 ... 99 999 with leading zeros suppression
- Modern industrial design
- Input for Display-Hold

### 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 [0.35"]
Measuring rate:	2 measurements/second
Data backup:	EEPROM
Housing:	housing for control panel 48 x 24 mm [1.89 x 0.945"] acc. to DIN 43 700; RAL 7021, dark grey
Ambient temperature:	-10 ... +50 °C [14 °F ... +122 °F]
EMC:	according to EC EMC directive 89/36/EEC
Interference emissions:	EN 61 000-6-4/EN 55 011 Class B
Interference resistance:	EN 61 000-6-2

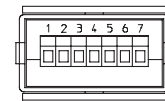
Protection:	IP65 (front)
Input current measurement:	0 ... 20 mA, 4 ... 20 mA voltage drop max 1.5 V DC
Input voltage measurement:	0 ... 10 V, 2 ... 10 V input resistance approx. 1 MΩ max. input signal level 30 V DC
Control inputs:	High: 4 ... 30 V DC Low: 0 ... 2 V DC
Resolution:	14 bits
Accuracy:	< 0.1 % for the whole measuring range at an ambient temperature of 20 °C [68 °F]
Temperature drift:	< 70ppm/K <sub>Ambient</sub>
Weight:	approx. 50 g [1.764 oz]
Connections:	screw terminal, pitch 5.08 mm [0.2"], 7 pin

### Dimensions:



### Connections:

- |                 |                     |
|-----------------|---------------------|
| 1 10 ... 30 VDC | 5 0 (4) ... 20 mA   |
| 2 GND           | 6 Analogue GND      |
| 3 GND           | 7 0 (2) ... 10 V DC |
| 4 Latch         |                     |



### Delivery includes:

- Digital display
- Panel mounting clip
- Bezel for clip mount,
- Panel cut-out 50 x 25 mm [1.969 x 0.984"]
- Bezel for screw mount,
- Panel cut-out 50 x 25 mm [1.969 x 0.984"]
- Gasket
- 1 set of self-adhesive symbols
- Multilingual operating instructions

### Order Code:

**CODIX 529: 6.529.012.300**

Accessories see Page 39