

Process displays

LED process displays	Analogue signals with Min / Max value detection (DC)	Codix 529
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Cost-effective standard signal display for front panel mount with scalable bright 5-digit LED display.

The 14 bit resolution ensures an accurate measuring value display range with minimum and maximum value detection.



DC 10 ... 30 V Power supply	 mA, V Display scaling	 14 bit Resolution	 Menu-driven programming	 AC/DC Galvanic isolation	 - 10° + 50° Temperature range	 IP65 High protection level	 min / max Min / Max value detection	 DIN 48 x 24 DIN front bezel	 5 LED LED display
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Product features

- Input range:
1 current measuring input, 1 voltage measuring input
- Compact display for analogue signals
- Display range -19 999 ... 99 999 with leading zeros suppression
- Modern industrial design

Benefits

- Galvanic isolation with protection against incorrect polarity
- Autom. Min / Max value detection
- Freely programmable characteristic curve end points
- Input for display hold

Order specifications

Display for analogue signals with Min / Max value detection

6.529.012.300 ¹⁾

Delivery specification

- Digital display
- Mounting clip
- Gasket
- Instruction manual, multilingual
- Front bezel for screw mounting (T008181)
56 x 40 mm, panel cut-out 50 x 25 mm
- Front bezel for clip mounting (T008180)
53 x 28 mm, panel cut-out 50 x 25 mm
- 1 set of self-adhesive symbols

Accessories			Order-No.
Adapter front bezel, 72 x 36 mm	For cut-out 68 x 33 mm to cut-out 45 x 22.2 mm, for counters 48 x 24 mm, as set	black and silver anodised	162704 Set
Adapter front bezel, 48 x 48 mm	For cut-out 45 x 45 mm to cut-out 45 x 22.2 mm, with clip mounting for counters 48 x 24 mm	black	T008883
Adapter front bezel, 60 x 50 mm	For cut-out 54 x 29 mm to cut-out 45 x 22.2 mm, with screw mounting and gasket for counters 48 x 24 mm	black	N003001
Transparent cover, lockable, IP65	For cut-out 54 x 29 mm, with screw mounting to front bezel F1B or adapter front bezel N003001, for counters with cut-out 50 x 25 mm or 45 x 22.2 mm		N003002
Sealing cover type K1, IP65	Suitable for front plate 60 x 50 mm with screw mounting of electromechanical counters and via adapter front bezel N003001, for counters 48 x 24 mm		G008301
Mounting frame with cut-out 50 x 25 mm via separate adapter 45 x 22.2 mm	For snap-on mounting on 35 mm top-hat DIN rail, for counters 53 x 28 mm and via separate adapter (T008180) for counters 48 x 24 mm	chromated	G300004

Suitable gaskets as well as further accessories can be found in the accessories section or in the accessories area of our website at: www.kuebler.com/accessories.

1) Stock types

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General technical data	
Display	5 digits, red 7 segment LED display; 8 mm high
Measuring rate	2 measurements/second
Data backup	EEPROM
Operating temperature	-10°C ... +50°C (non-condensing)

Electrical characteristics	
Power supply	10 ... 30 V DC, galvanically isolated with integrated reverse polarity protection
Current consumption	max. 50 mA
EMC	Emitted interference EN 55011 class B Immunity to interference EN 61000-6-2

Mechanical characteristics	
Housing	front panel mount 48x24 mm acc. to DIN 43700; RAL 7021, dark grey
Protection	IP65 (front side)
Weight	approx. 50 g
Connections	screw terminal, pitch 5.08 mm, 7 pin

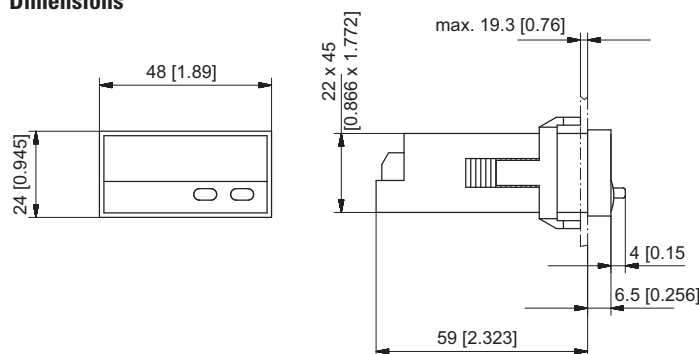
Measuring signal inputs	
Input current measurement	0 ... 20 mA, 4 ... 20 mA
Voltage drop	max 1.5 V DC
Input voltage measurement	0 ... 10 V, 2 ... 10 V input resistance approx. 1 MΩ max. input signal level 30 V DC
Control inputs	HIGH 4 ... 30 V DC LOW 0 ... 2 V DC
Resolution	14 bit
Accuracy	< 0.1 % for the whole measuring range at an operating temperature of 20°C [68°F]
Temperature drift	< 70 ppm/K _{Ambient}

Terminal assignment

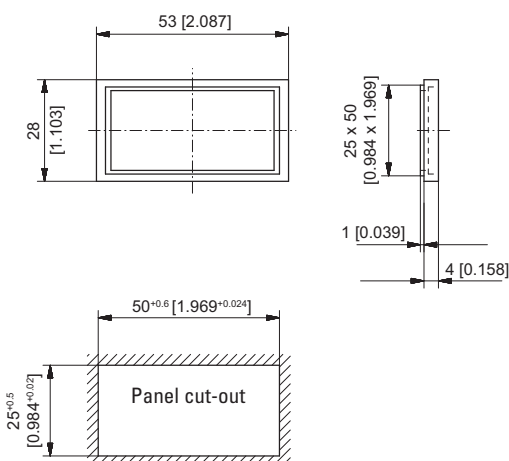
1	2	3	4	5	6	7

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

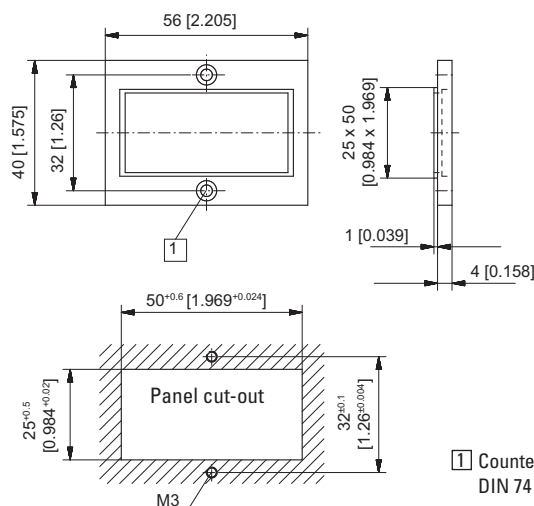
Dimensions



Front bezel for clip mounting (included in delivery)



Front bezel for screw mounting (included in delivery)



1 Countersinking Af3, DIN 74

Dimensions in mm [inch]