

CODIX 540



Your benefit

- **Simple totalizer**
- Very high luminosity and 14 mm high characters
- Big keys for use when wearing gloves
- DIN housing
- Voltage output for sensors (for AC-version)
- Counting frequency up to 60 kHz
- Input pulse shape variable (Schmitt Trigger characteristics)

Product features

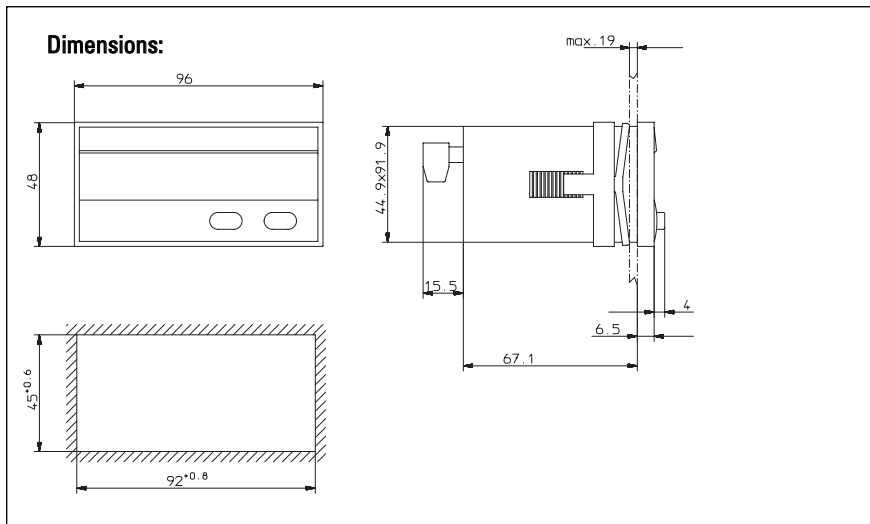
- Display range 0 ... 999 999 with zero blanking
- Connection with screw terminal
- Locking SET-key for reset
- Modern **CODIX**-Design

Technical data

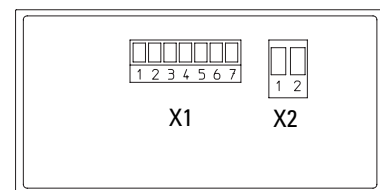
Supply voltage (U_B):	10 ... 30 V DC, with reverse polarity protection 90 ... 260 V AC
Current consumption:	max. 50 mA, 6 VA
Display:	6 digit red 7 segment LED display; 14 mm high
Data backup:	EEPROM
Housing:	Dimension 48 x 24 mm according to DIN 43 700; RAL 7021, grey
Polarity of Inputs;	programmable, npn or pnp for all inputs
Input resistance:	appr. 5k Ω
Counting frequency*:	max. 60 kHz, can be damped to 30 Hz, depending on operating mode
Reset time:	5 ms
Input switching level (standard version):	DC-version: Low: 0 ... 0.2 x U_B [V DC] High: 0.6 x U_B ... 30 V DC

	AC-version
	Low 0 ... 4 V DC
	High 12 ... 30 V DC
Input switching level (5 V version):	Low 0 ... 2 V DC High 4 ... 30 V DC
Voltage output for sensors	24 V DC \pm 15 %/100 mA for AC-version
Ambient temperature:	-20 ... +65 °C
Storage temperature:	-25 ... +70 °C
EMC:	according to EC EMC directive 89/36/EWG
Immunity to interference:	EN 61 000-6-4/EN 55011 class B
Emitted interference:	EN 61 000-6-2
Protection:	IP65 (front)
Weight:	appr. 150 g

*for further specifications please refer to the manual



Connections:



Connection: X2

Pin	AC-version	DC-version
1	90 ... 260 V AC	0 V DC (GND)
2	90 ... 260 V AC	10 ... 30 V DC

Connection X1

Pin	AC-version	DC-version
1	n.c.	
2	n.c.	
3	Reset	
4	n.c.	
5	INP	
6	GND out	n.c.
7	+24 Vout	n.c.

Delivery specification

- Digital display
- Mounting clip
- Seal
- Multilingual operating instructions

Order code:

6.540.012.XX0

Input switching level
0 = Standard level
A = 5 V level

Voltage supply
0 = 90 ... 260 V AC
3 = 10 ... 30 V DC