CODIX 521

Your benefit
- **Totalizer and position display in one**
- low cost
- easy programming and operating
- Counting frequency up to 20 kHz
- any input signal because of Schmitt-Trigger
- Counting with direction
- Counting mode subtracting
- Phase discriminator
- Scaling factor 00.0001 ... 99.9999

Product features
- Display range –199 999 ... 0 ... 999 999 with zero blanking
- Connection with screw terminal
- Locking for SET key
- Modern CODIX-Design
- Overflow indication by flashing of the display value

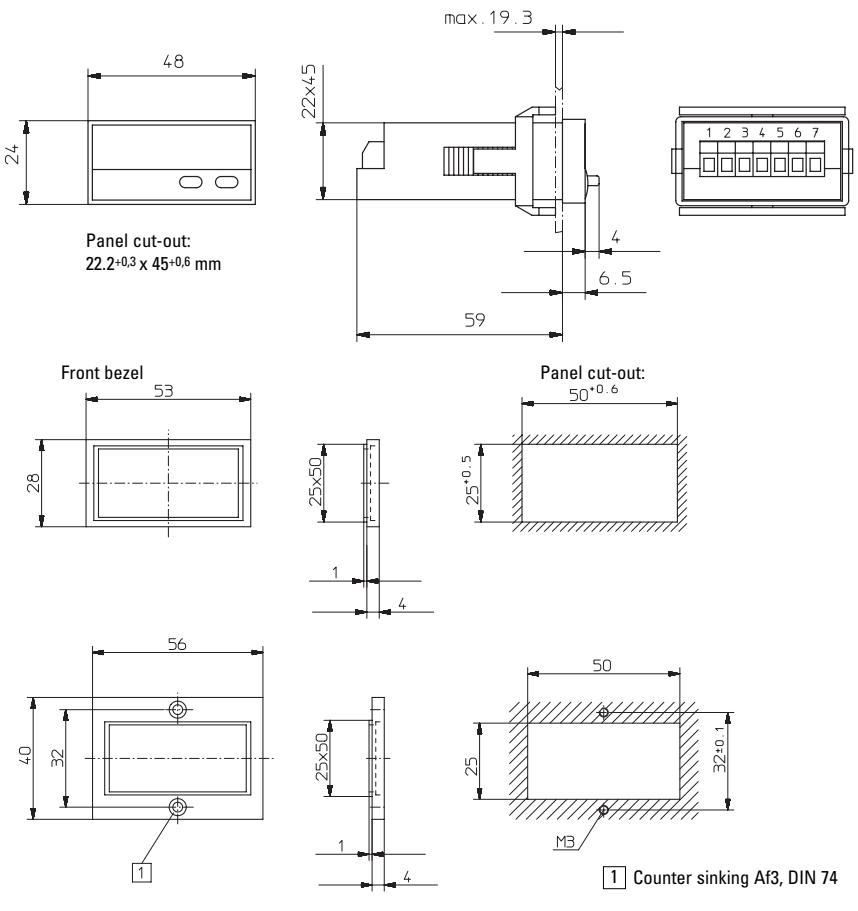
Option:
Optocoupler-Output if count value ≤ 0.

Technical data

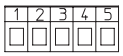
Supply voltage:	10 ... 30 V DC, with reverse polarity protection
Current consumption:	max. 50 mA
Display:	6 digit red 7-segment LED´s; 8 mm high
Data backup:	EEPROM
Housing:	Dimension 48 x 24 mm according to DIN 43 700; RAL 7021, grey
Polarity of Inputs:	programmable, npn or pnp for all inputs
Input resistance:	appr. 10 kΩ
Counting frequency:	20 kHz, can be damped to 30 Hz at position display max. 11 kHz
Reset time:	5 ms

Level of inputs:	Low: 0 ... 0.2 x U_B [V DC] High: 0.6 x U_B ... 30 V DC
Optocoupler output:	Max. 30 V, 10 mA
Ambient temperature:	–10 ... +50 °C
Storage temperature:	–25 ... +70 °C
EMC:	according to EC EMC directive 89/36/EWG
Interference emmisions:	61 000-6-4/EN 55 011 class B
Interference resistance:	EN 61 000-6-2
Protection:	IP65 (front)
Weight:	appr. 50 g

Dimensions:

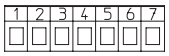


Connections:
without Optocoupler



1 10 ... 30 VDC
2 0 V GND
3 INP A
4 INP B
5 Reset

Connections:
with Optocoupler



1 10 ... 30 VDC
2 0 V GND
3 INP A
4 INP B
5 RESET
6 Emitter
7 Collector

Delivery specification
1 Digital display
1Panel mounting clip
1 Bezel for screw mounting, panel cut out 50 x 25 mm
1 Bezel for clip mounting, panel cut out 50 x 25 mm
1 Seal
1 Multilingual operating instructions

Order code:
6.521.01X.300

X: Output
1 = Optocoupler
2 = no output