

CODIX 522



Your benefit

- **Programmable frequency meter and tacho.** Programmable are:
 - Polarity of the input
 - Count input can be damped
 - Scaling factor 00,0001 ... 99.9999
 - Decimal point
 - Display in 1/min or 1/s
- Count frequency up to 20 kHz
- Input pulse shape (Schmitt-Trigger characteristics)

Product features

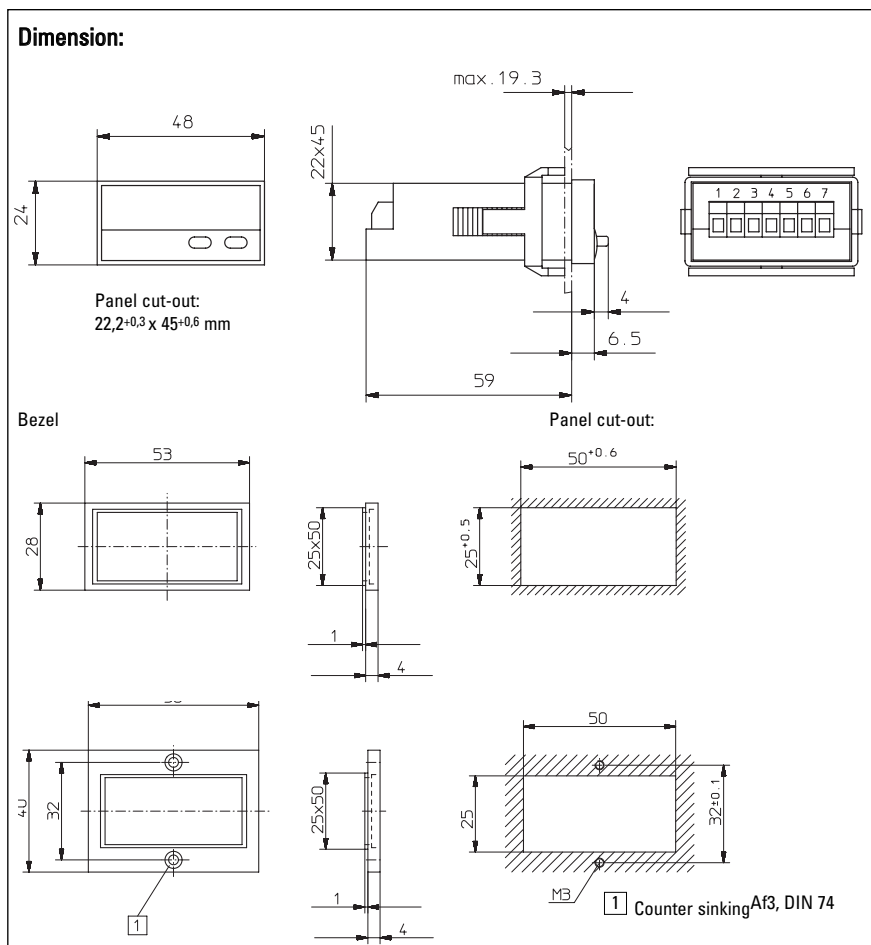
- Display range 0 ... 999 999 with zero blanking
- Connection via screw terminals
- Modern **CODIX**-Design

Option:

Optocoupler output, active, when frequency = 0.

Technical data

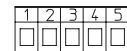
Power supply:	10 ... 30 V DC, with reverse polarity protection	Level of the inputs:	Low: 0 ... 0,2 x U _B [V DC] High: 0,6 x U _B ... 30 V DC
Current consumption:	max. 50 mA	Optocoupler output:	Max. 30 V, 10 mA
Display:	6-digit red 7 segment LED display; figures 8 mm high	Accuracy:	<0,1 %
Data retention:	EEPROM	Ambient temperature:	-10 ... +50 °C
Housing:	Dimension 48 x 24 mm according to DIN 43 700; RAL 7021, grey	Storage temperature:	-25 ... +70 °C
Polarity of the inputs	programmable, npn or pnp	EMC:	according to EC EMC directive 89/36/EWG
Input resistance:	appr. 10 kΩ	Interference emissions:	EN 61 000-6-4/EN 55011 class B
Count frequency:	20 kHz, can be damped to 30 Hz	Interference resistance:	EN 61 000-6-2
Measurement principle:	Period duration measurement with averaging at higher frequencies	Protection:	IP65 (front)
		Weight:	appr. 50 g



Connection:

without optocoupler

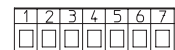
- 1 10 ... 30 V DC
- 2 0 V GND
- 3 INP
- 4 -
- 5 -



Connection

with optocoupler (npn)

- 1 10 ... 30 V DC
- 2 0 V GND
- 3 INP
- 4 -
- 5 -
- 6 Emitter
- 7 Collector



Delivery specification

- 1 Digital display
- 1 Panel 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:

6.522.01X.300

Output

- 1 = Optocoupler output
- 2 = no output