

521, Position indicator or totalizer

- High count speed, numerous programming options, big keys also for when wearing gloves
- Count difference of both inputs, up/down mode, Count sum of both inputs, up/up mode, phase discriminator (quadrature) with pulse doubling or quadrupling

NPN or PNP inputs, max. 60 kHz

Large, bright display, 14mm high

Scaling factor 0.0001 ... 99.9999
Division factor 0.0001 ... 99.9999



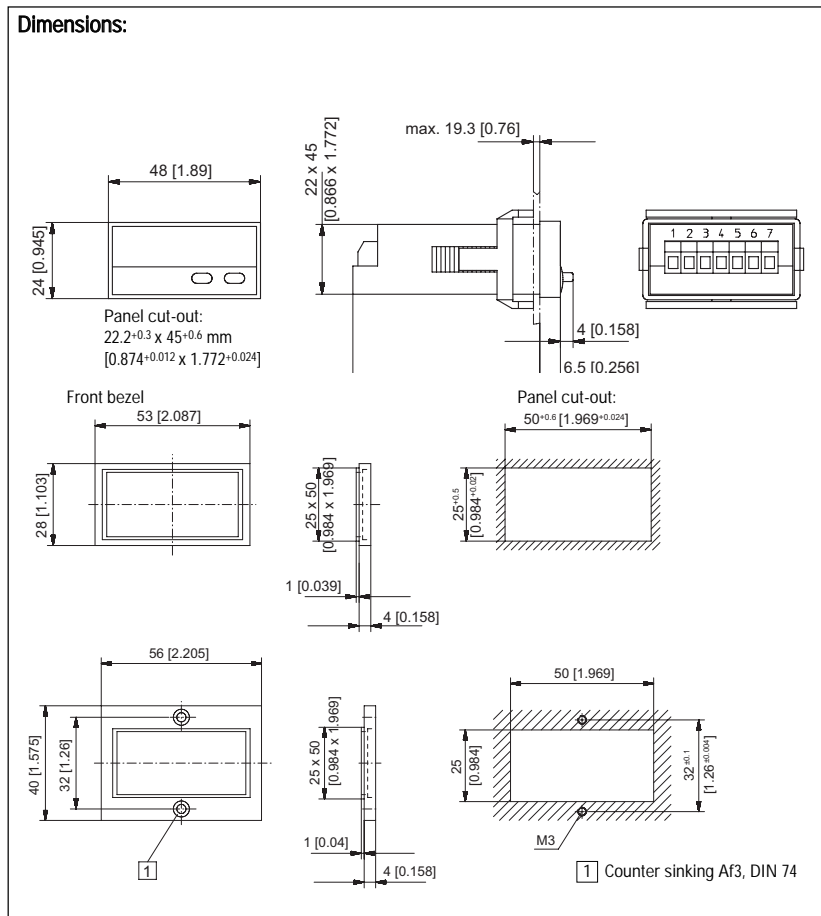
Wide power supply range

2 programmable count inputs

Technical data:

Supply voltage:	10 ... 30 V DC, with reverse polarity protection	Level of inputs:	Low: 0 ... 0.2 [0 ... 0.008"] x U _B [V DC] High: 0.6 [0.024"] x U _B ... 30 V DC
Current consumption:	max. 50 mA	Level of inputs:	Low: 0 ... 2 V DC High: 4 ... 30 V DC
Display:	6 digit red 7-segment LED; 8 mm [0.315"] high	5 V version:	High: 4 ... 30 V DC
Data backup:	EEPROM	Optocoupler output:	Max. 30 V, 10 mA
Housing:	Dimension 48 x 24 mm [1.89 x 0.945"] according to DIN 43 700; RAL 7021, grey	Ambient temperature:	-10 ... +50 °C [14 °F ... 112 °F], non-condensing
Polarity of Inputs:	programmable, npn or pnp for all inputs	Storage temperature:	-25 ... +70 °C [-13 °F ... 158 °F]
Input resistance:	approx. 5 kΩ	EMC:	according to EC EMC directive 89/36/EWG
Counting frequency:	max. 60 kHz, can be damped to 30 Hz at position display max. 25 kHz	Interference emission:	61000-6-4/EN 55011 class B
Reset time:	5 ms	Interference resistance:	EN 61000-6-2
		Protection:	IP65 (front)
		Weight:	approx. 50 g

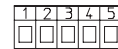
Dimensions:



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
- 1 Panel mounting clip
- 1 Bezel for screw mounting, panel cut out 50 x 25 mm [1.969 x 0.984"]
- 1 Bezel for clip mounting, panel cut out 50 x 25 mm [1.969 x 0.984"]
- 1 Seal
- 1 Multilingual operating instructions

Order code:

6.521.01X.3X0

- Level of inputs
0 = Standard
A = 5 V
- Output
1 = Optocoupler
2 = no output