

LCD frequency meter/tachometer 136K

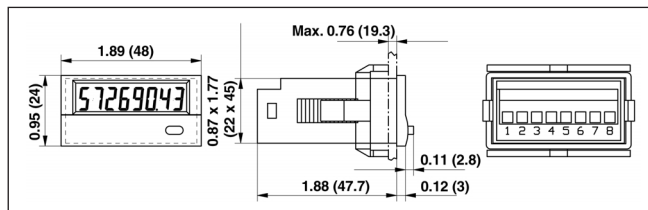


- Low-price and high efficiency.
- Large 8-digit LCD display, height of the figures 8 mm.
- Optional backlighting
- Input frequency range from 1 Hz ... 12 kHz
- Gate measuring method, gate time 1 second
- Accuracy 0.05%
- All versions for positive or negative counting edge.
- NEMA4/IP65 Front Panel
- Screw terminals, RM 5 mm
- Lifetime of the battery approximately 8 years
- Frequency measurement without external voltage supply, pulses acquisition also possible via dry contact, thus usable in all conditions
- Operating temperature -10 ... +60 °C

Technical data:

Power supply:	non-replaceable lithium battery: (lifetime approximately 8 years at 20°C)
Backlighting:	external electrical source 24 V DC +/-20 %, 50 mA
Display:	LCD, 8 decades, height of the figures 8 mm
Display range:	0 ... 99999999
Resolution:	1/sec (1 Hz)
Counting inputs:	
A. Counting input of the DC-versions (max. 30 V DC)	
Slow counting input:	max. 30 Hz NPN
Fast counting input:	max. 12 kHz (PNP), 7 kHz (NPN)
Switching level:	NPN: Low: 0 ... 0,7 V, High: 3 ... 30 V DC PNP: Low: 0 ... 0,7 V, High: 4 ... 30 V DC
Interference emissions:	EN 55011 Class B, EN 61000-6-2 EN 61010 Section 1 (only AC versions)
Housing :	dark grey RAL 7021
Operating temperature:	-10 ... +55 °C
Ambient temperature:	-10 ... +60 °C
Storage temperature:	-20 ... +70 °C
Protection:	NEMA4/IP65 front
Weight:	approximately 50 g

Dimensions:



Scope of delivery:

Digital display, panel mounting clip, bezel for screw mounting, panel cut out 50 x 25 mm, bezel for clip mounting, panel gasket, operating instructions.

Panel cut out:
22,2^{+0,3} x 45^{+0,6} mm

Order information

Type	Mode	Counting inputs					
		INP A			INP B		
6.136.012.8x0	Tacho	0 ... 0,7 V DC	NPN	7 kHz	0 ... 0,07 V DC	NPN	30 Hz
6.136.012.8x1		4 ... 30 V DC	PNP	12 kHz	4 ... 30 V DC	PNP	

X: 5 = no backlight
X: 6 = with backlight available
as from september 2002