

136K

Battery Powered Ratemeter with LCD Display

Features

- Low price and high efficiency
- Large (8 mm) 8-digit LCD display,
- Optional backlighting
- Input frequency range from 1 Hz ... 12 kHz
- Gate measuring method, gate time 1 second
- Accuracy 0.05%
- High voltage input for 10 to 260 V AC/DC voltage pulses
- NEMA4/IP65 Front Panel
- Screw terminals, RM 5 mm



- Lifetime of the battery approximately 8 years
- Operating temperature -10 to +60 °C
- All versions for positive or negative counting edge

Specifications

Power supply: non-replaceable lithium battery: (lifetime approximately 8 years at 20°C)

Backlighting: external electrical source 24V DC +/-20%, 50 mA

Display: LCD, 8 decades, 8 mm high characters

Display range: 0 to 99999999

Resolution: 1/sec (1 Hz)

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 -0.7V, High: 3-30V DC

PNP: Low: 0 -0.7V, High: 4 -30V DC

Interference emissions:

EN 55011 Class B, EN 61000-6-2

EN 61010 Section 1 (only AC versions)

Operating temperature:

-10 to +55 °C

Ambient temperature:

-10 to +60 °C

Storage temperature:

-20 to +70 °C

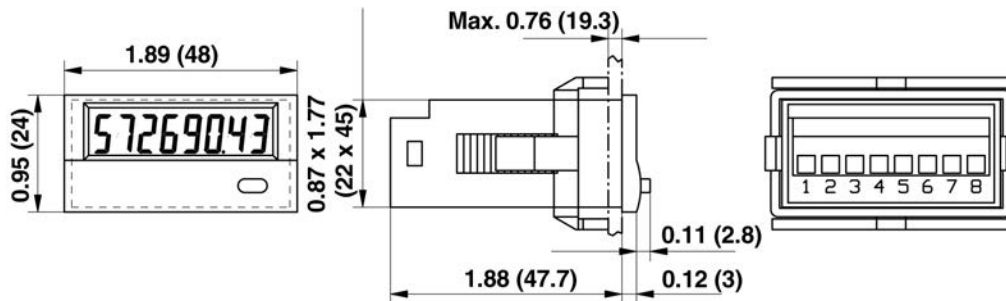
Protection:

NEMA4/IP65 front

Weight:

approximately 50 g

Dimensions:



Order Table

Type	Mode	Counting inputs					
		INP A			INP B		
136K.012.8x0	Tacho	0 ... 0,7 V DC	NPN	7 kHz	0 ... 0,07 V DC	NPN	30 Hz
136K.012.8x1		4 ... 30 V DC	PNP	12 kHz	4 ... 30 V DC	PNP	

X: 5 = no backlight

X: 6 = with backlight