

CXD

Counter

Electronic, preset

CXD

Characteristics	■ counting up and down ■ reset to zero or preset value
Mounting	■ flush mounting with clip
Dimensions (mm)	45 x 45 x 86
Counting capacity	-19.999...99.999
Display	■ 7-segment LED
Supply voltage	24 VDC, 230 VAC



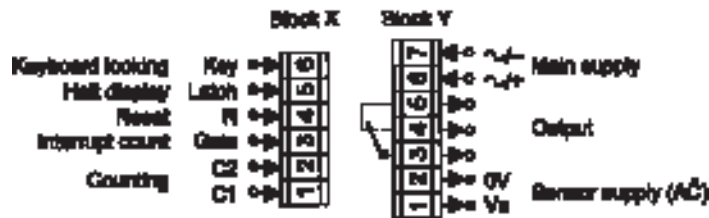
Preferred Range

Ordering Reference	Characteristics
	■ Function Tachometer ■ Counting capacity 0...999.999 ■ Output Relay ■ Time unit 1 second ■ Scaling factor 0.0001...99.999 ■ Delay time 01...99.9 sec ■ Counting frequency 10 kHz
CXD212D5N0N0N00	230 VAC, 50/60 Hz
CXD212M4N0N0N00	24 VDC

Technical data

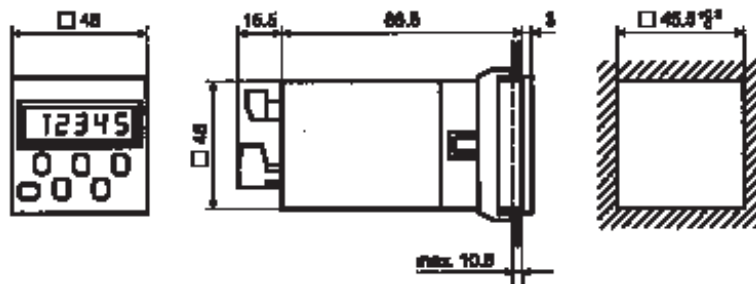
Counting capacity	-19.999...99.999 ²⁾
Preset	1 preset value, keyboard entry, output signal programmable at zero or preset value
Reset	to zero or preset value; manual and/or electrical or automatic programmable (reset impulse: min. length 5 ms)
Display	7-segment LED, 7.5 mm high; programmable with or without fixed decimal point
Supply voltage	12.5...30 VDC (U_{in}), residual ripple max. 2% 207...253 VAC, 50/60 Hz
Power consumption	2.5 W (24 VDC) or 4 VA (AC)
Types of sensor	contacts, voltage impulses, electronic sensors NPN/PNP (programmable pull-up/pull-down input mode)
Input voltage	DC: Low 0...0.2 x U_{in} , High 0.6 x U_{in} ...30 V AC: Low 0...4 V, High 12...30 V
Sensor supply	AC: $V_s = 24$ VDC, -40%/+15%, max. 80 mA, unregulated
Output	relay, max. 8 A/250 VAC (ohmic load), permanent signal or impulse signal programmable 0.01...99.98 s
EMC/Interference immunity	according to EN 50 082-2
EMC/Emissions	class B according to EN 55 011
Data protection	min. 10 years (EEPROM)
Protection class	front IP 54
Approvals	UL, C-UL
Ambient temperature	0°C to +50°C
Mounting	flush mounting, mounting by plastic spring clip or by front frame CJ406 for 2 x M4 screws, any mounting position
Connections	2 x plug-in screw terminal connection for wires 0.2...2.5 mm ² ²⁾ Overrun or underrun by up to 1 decade without loss of counting impulses.

Connection diagram

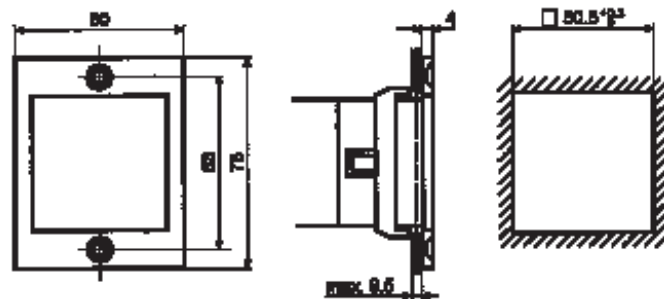


Detailed information on programming and electrical connection is enclosed with the counter.

Dimensions



with front frame for screw mounting



Ordering Reference

Type	CXD	
Function	212	1 preset value/output
Supply voltage	M4	12.5...30 VDC
	D5	230 VAC
NONO NOO		

