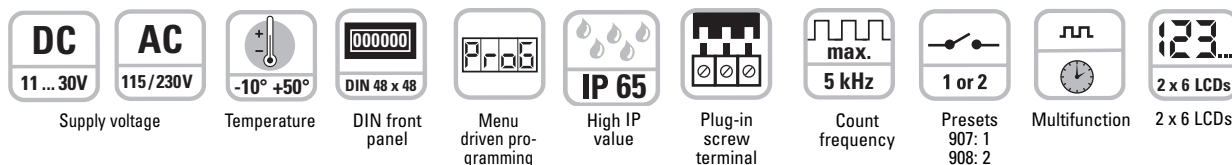


LCD Preset Counter – Codix 907 (1 preset) / 908 (2 presets)

Functional:

- Pulse- and time preset counter in one device
- 1 or 2 presets
- Adding or subtracting counting modes
- Automatic programmable reset for adding and subtracting
- Count frequency typ. 5 kHz


Simple:

- Fast start-up
- Easy installation due to small installation depth and plug-in screw terminals

Rational:

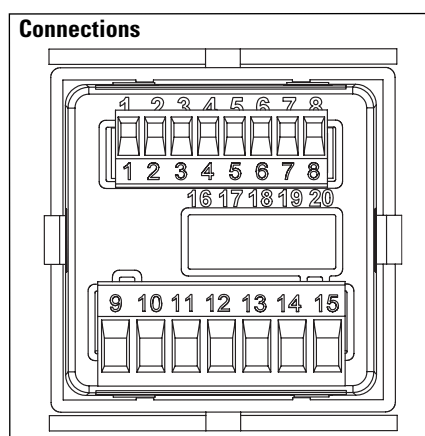
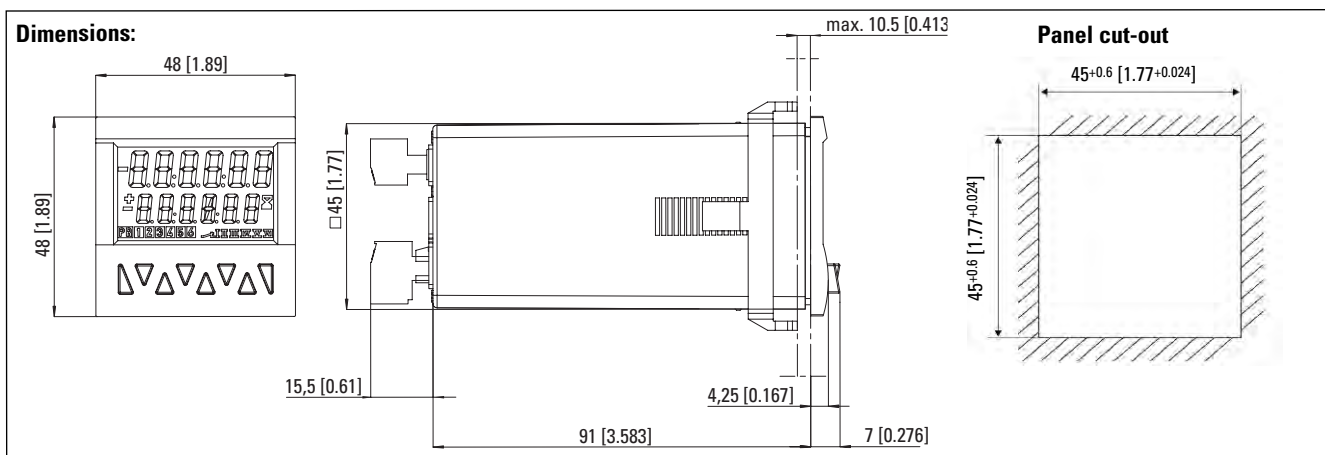
- All important functions included
- Simple programming structure
- 2-line LCD with optional backlighting
- Relays for AC and DC

Technical data:

Supply voltage:	115/ 230 V AC / max. 6,5 VA, 50/ 60 HZ, 11 ... 30 V DC / max. 4 W		
External fuse protection:	230 V AC:	T 0,1 A	
	115 V AC:	T 0,125 A	
	11 ... 30 V DC:	T 0,2 A	
Display:	2-line 6-digits LCD display, upper line 9 mm, lower line 7 mm, special signs 2 mm high positive green, with optional backlighting		
Data retention:	min. 10 years, EEPROM		
Count inputs:			
Count input:	A and B		
Polarity of the inputs:	programmable for all inputs in common NPN/PNP		
Input resistance:	10 kΩ		
Count frequency:	max. 5 kHz (details see manual) can be damped to 30 Hz (mechanical contacts)		
Control / Reset input	Lock, Reset:	static / 1 ms	
Min pulse duration of the inputs:			
Switching levels with AC/ DC-supply:			
4 ... 30 V DC level	Low: 0 ... 2 V DC	High: 3,5 ... 30 V DC	
Pulse shape:	variable, Schmitt-Trigger characteristics		
Outputs			
	Switching voltage	max. 250 V AC/110 V DC,	
	Switching current	max. 3 A AC/A DC.	
	Switching current	min. 30 mA DC	
	Switching capacity	max. 750 VA/90 W	
Output 1	Mech. service life (switching cycles))	2 x 10 ⁷	
	N° of switching cycles at 3 A/250 V AC	1 x 10 ⁵	
	N° of switching cycles at 3 A/30 V DC	1 x 10 ⁵	
	Relay with changeover contact,		

Output 2:	progr. normal closed or normal open Mech. service life (switching cycles) 20 x 10 ⁶ N° of switching cycles at 3 A/250 V AC 5 x 10 ⁴ N° of switching cycles at 3 A/30 V DC 5 x 10 ⁴ Relay with changeover contact	
Reaction time of the outputs:	pulse counter:	< 15 ms
	timer:	< 10 ms
Count modes:	Pulse counter:	cnt.dir, up.dn, quad
	Timer:	FrErun, InpA.InpB., InpB.InpB.
Voltage supply for sensors:		
AC	24 V DC -40/+15%, 50 mA at 230 V AC, 40 mA at 115 V AC	
DC	max. 50 mA, external voltage supply is connected through	
Operating temperature:	-10 °C ... +50 °C	
Storage temperature:	-25 °C ... +75 °C	
Humidity:	r.F. 93% at +40 °C, non condensing	
Altitude:	up to 2000 m	
EMC:	Emitted interference:	EN55011 Class B
	Immunity to interference:	EN61000-6-2
Device safety:	Design to:	EN61010 Part 1
	Protection:	Class: 2
	Application area:	Soiling Level 2
Protection:	IP65 (from the front)	
Weight:	AC version	approx. 250 g
	DC version	approx. 150 g

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Signal and control inputs

- 1 Sensor voltage supply
- 2 GND (0 VDC)
- 3 INP A (Signal input A)
- 4 INP B (Signal input B)
- 5 RESET (Reset input)
- 6 LOCK (Key locking input)
- 7 n. c.
- 8 n. c.

Version with relays/optocouplers

- 9 Relay contact C./Collector
 - 10 Relay contact N.O./Emitter
 - 11 Relay contact C./Emitter
 - 12 Relay contact N.O./not assigned
 - 13 Relay contact N.C./Collector
 - 14 AC: 115/230 VAC N~
 - 15 DC: 11 ... 30 VDC
 - 16 AC: 115/230 VAC L~
 - 17 DC: GND (0 VDC)
- Output 1
- Output 2
- Supply voltage

Delivery specification:

Preset counter
Mounting clip
8 pin screw terminal
7 pin screw terminal
Operating instructions

Order code:

6.90X.010X.XA0

Number of presets
7 = 1 preset
8 = 2 presets

Output
0 = Relays

LCD options
0 = no backlighting
1 = green backlighting

Input trigger level
A = 4 ... 30 V DC level

Supply voltage
0 = 230 V AC
1 = 115 V AC
3 = 10 ... 30 V DC

Accessories:

Adapter front bezel 55 x 55 mm for panel cut-out 50 x 50 mm

Order code: T00885

Gasket order code: N511004

Adapter front bezel 60 x 75 mm with screw fixing

Order code: T008860

Gasket order code: N511028

Replacement parts:

8-pin screw terminal 1 ... 8: N100498

7-pin screw terminal 9 ... 15: N100548u002

Stock models:

G.907.0100.3A0
G.907.0100.0A0
G.908.0100.3A0
G.908.0100.0A0
G.908.0101.3A0
G.908.0101.0A0