

Screw counter ECT series

The number of screw bolting is set and it checks whether a worker forget to tighten a screw!



ECT-02H Low price and a short form

The signal from an electric driver is counted.

The bolting end signal from an electric driver is counted certainly.

A check is easy with sound and light.

A number check can be checked with a LCD display machine and buzzer sound.

It is a malfunction check by the timer function.

A screw can gnaw; idling detection can be performed and only normal screw bundle operation can be counted.

Count cancellation function

After the torque rise, if reverse rotation operation is performed immediately, the function in which the one number of counts returns is attached. (When the reverse signal is outputted from the driver)



ECT-03 Work sensor correspondence

The signal from an electric driver is counted. A check is easy with sound and light. It is a malfunction check by the timer function. Further Reliable management is possible at a work sensor function.

It will become an error, if a work is removed before attaching the sensor which judges the existence of a work and becoming a bolting number.

The apparatus of others [a bolting completion signal] is connectable.

Since a signal will be outputted if it becomes Work O.K. or Count O.K. You can also use an automatic line.

Work set timer function

A worker's safety can be considered and time until a work is set and fixed to a fixed implement can be set up.

Count cancellation function

After the torque rise, if reverse rotation operation is performed immediately, the function in which the one number of counts returns is attached. (When the reverse signal is outputted from the driver)



ECT-04 Work sensor and The part perception sensor correspondence

The signal from an electric driver is counted. A check is easy with sound and light. It is a malfunction check by the timer function. Further Reliable management is possible at a work sensor function.

It will become an error, if a work is removed before attaching the sensor which judges the existence of a work and becoming a bolting number.

The apparatus of others [a bolting completion signal] is connectable.

Since a signal will be outputted if it becomes Work O.K. or Count O.K. You can also use an automatic line.

Work set timer function

A worker's safety can be considered and time until a work is set and fixed to a fixed implement can be set up.

Count cancellation function The part perception sensor is inputted.

After the torque rise, if reverse rotation operation is performed immediately, the function in which the one number of counts returns is attached. (When the reverse signal is outputted from the driver)

The part perception sensor is inputted.

The signal from the sensor which detects parts etc. can be received and counted.

It can be used for various electric drivers by easy connection.

To the electric driver out of which the screw bundle completion signal has come.

It can be used for the electric driver which outputs a screw bundle completion signal.

* There is also a model which cannot be adapted.

Change of a setup may be required in part. Please ask to our company for details.

It corresponds also to a torque wrench driver.

It can respond also to the torque wrench torque driver to which the torque rise signal output was attached.

ECT-02H.03.04 become manufacture of special specification.

Specification

Form	ECT-02H	ECT-03	ECT-04
Display	LCD digital display		
The number of setting counts	1-99 (count subtraction system)		
Timer setup	LO TIME 0.0 - 2.0 seconds (between [0.01-0.09] 0.0-0.1)		
	HI TIME 0.0 - 9.0 seconds		
Auto clearance	0.5 - 3.0 seconds (0.5-second interval)		
Function	Counter, Timer setup, Count cancellation		
Yes-no decision	O.K.: Buzzer sound / NG: Buzzer sound, LED red lighting incoming signal		
Incoming signal	—	Work sensor An open collector or a non-voltage input	
Output signal	—	A screw bundle O.K. signal/ work O.K. signal Open collector output(Rated 30V.20mA)	
The contents of an output	—	If a bolting number is become (display 00) and a work is removed, you will be told about at "Work O.K." signal and a buzzer.	
The part perception sensor	—	—	The signal from the sensor which detects parts etc. can be received and counted.
Power supply	AC/DC adaptor	AC 100-240V	
Size	87 (H) ×75 (W) ×15 (D)	158 (H) ×77 (W) ×40 (D)	
Weight	about 120g	about 430 g	
Adaptation driver	Nitto Kohki (DELVO) -- : by SP specification article Nakamura factory company of DLV7120/7130/7140/8120/8130/8140/8150 Nakamura MFG (KANON) -- : by the SWP specification article high male company of 3K-110/120/180//9K-131/130/140/150 HIOS -- : by the OPC specification article of VZ-1510/1820/3012/4506 Etc.		

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