

HIOS[®]

NEW Screw Counter for "Poka-Yoke"

- Check tightening number of screw simply!!
- Prevents overlooking of screw tightening!

New

Mini Separate Counter BLOP-SC3

For Brushless Driver BL Series

Compatible Model BL Series OPC type

Only
120g!



Palm-sized compact



Functions

- **Count setting**
The number of screws to be tightened can be set from 1 to 99
- **Count Timer Setting**
Prevents redundant tightening being counted
- **Work Reset Timer setting**
A buzzer sounds after the last screw has been tightened
- **Reverse Count Timer Setting**
To activate no-count when unfastening a screw
- **Overtime / Short Time Setting**
To detect incomplete tightening



Separate Counter BLOP-SC3

BLOP-SC3 (Single power point)

RoHS



The number of screws to be tightened can be set from 1 to 99. The countdown displays the number of screws remaining after each screw is tightened.

- A buzzer sounds when the final screw has been tightened, to allow a complete check of screw tightening.
- The countdown number is automatically reset to your setting after all screws have been tightened.
- Prevents confirmation tightening, supplemental tightening, and secondary tightening from being counted.
- Can be set to prevent screws with screw lift, screws being tightened diagonally, or other inadequately

Specifications

Mode	BLOP-SC3	
Power Input	DC20V-30V	
Power Output	Depends on the connected HIOS power supply	
Power Consumption(W)	0.5W / output DC31V	
External Dimensions(mm)*	65(W)×25(D)×25(H)	
Weight(g)	120g (main body only)	
Accessories	①Three types of hangers for driver positioning A type B type C type ②One belt for fixing the counter	
Connectable	T-30BL (Single power point)	T-70BL (Single power point)
Connectable Driver (Brushless Driver BL series OPC Specifications)	NEW BLG-4000-OPC BL-2000-OPC BL-3000-OPC	NEW BLG-4000-OPC BL-2000-OPC BL-3000-OPC BL-5000-OPC BL-5020-OPC BL-7000-OPC

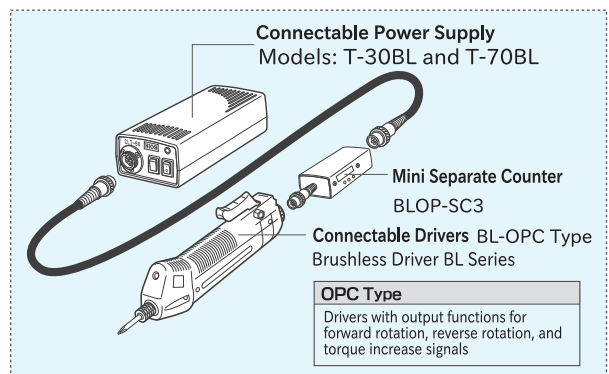
※Surface irregularities are not considered

Mounting Image

When mounting, use the ①(hangers) and ②(fixing belt) accessories.

Connection Configuration

Driver	+	Power Supply	+	Separate Counter
BLSeries (OPC Type)		T-30BL/T-70BL		BLOP-SC3

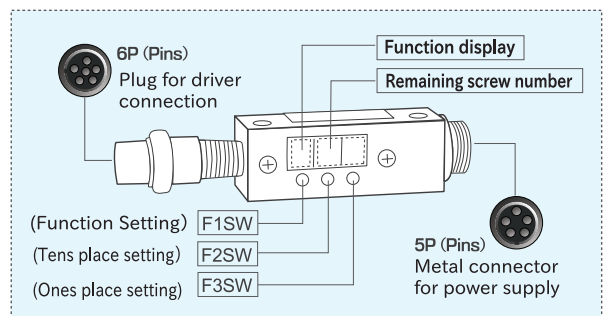


Part Names and Functions / Function

Function (F1SW/F2SW/F3SW) Setting and Function

	Setting and Function		Setting and Function
F1SW Function Setting	Counter Setting (1-99) Sets the number of screws to be tightened	F2SW	Tens place setting Ten number increments by 1 each time it is pressed.
	Count Timer Setting (0.00 sec-0.99 sec) Prevents counting of redundant tightening		
	Work Reset Timer Setting (0.0 sec-3.9 sec) Sets the duration for which the buzzer sounds after completion of work	F3SW	Ones place setting One number increments by 1 each time it is
	Reverse Count Timer Setting (0.1 sec-1.0 sec) Sets the time after which the reverse count starts		
	System Setting Mode Buzzer Sound Control / Reverse Count Function Control / Buzzer Sound Control in case of Torque Increase		
	Overtime / Short time setting Sets to detect overtime / short time errors		

Part Names and Function



Screw Counter Series (For Brushless Driver BL Series)

Separate Counter (Single power point)

BLOP-SC1 (RoHS)

Multiple input(AC100V-240V)

Connection Configuration

Driver	+	Power Supply	+	Separate Counter
BLSeries (OPC Type)		T-30BL/T-70BL		BLOP-SC1



Power Supply with a Screw Counter (Single power point)

BLOP-STC3 (RoHS CE)

Connection Configuration

Driver	+	Power Supply with a Screw Counter
BLSeries (OPC Type)		BLOP-STC3

