See page 61 for External Dimensions

DLR5040A-WE Non-CE

Features

For prevention of human fastening errors and enhanced fastening management accuracy

- Ideally suited for the assembly lines of vehicles and electrical equipment requiring reliable screw fastening
- The controller receives signals from electric screwdrivers to provide highly reliable screw fastening control
- Count Return Function: When a screw is loosened, a reverse signal output from the electric screwdriver reverses the count by one
- The Count Correction Function does not count elevated screws or double fastening
- Input voltage range from 100 to 240 V AC is acceptable in any part of the world
  (The screwdrivers to be used in combination with the counter require input power supplies that are written on the respective nameplate)
- Link Connection Function: You can build up a simple sequential screw tightening system by connecting the DLR5040A-WE screw tightening counters in series without using any external controller such as a programmable controller
- Driver Lock Function prevents unexpected start of screwdrivers
- Compact and Lightweight (Compared with our conventional models decreased by 30% in volume and by 38% in mass)
- SPC type screwdrivers for DLR5040A-WE are designed on the basis of established transformerless screwdrivers
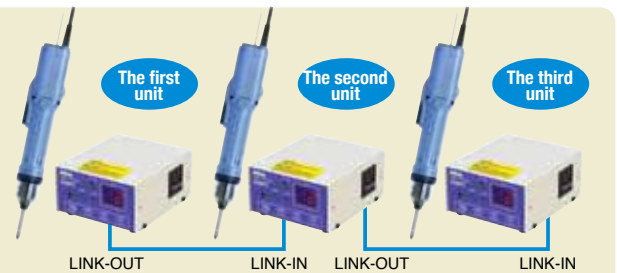
Specifications

Model	DLR5040A-WE
Count	1 to 99
Counting Method	Count-up / Count-down
Count Correction Function	Count normal fastening only
Self Adjustable Timer Setting	0.01 to 0.99 sec.
Work Detection Function	Yes (1 terminal) / No
External Count Input	2 terminals (PARTS A / PARTS B)
Work Installation Timer Setting	0 to 9.5 sec.
OK Output Timer Setting	0 to 9.5 sec.
NG Alarm	ON(1) / ON(2) / OFF
OK Buzzer	ON(1) / ON(2) / ON(3) / OFF
Count Return Function	ON / OFF
NG Judge Timing	WORK SET / DRIVER ON
Automatic / Manual OK Judge	AUTO / MANUAL
Screwdriver Lock Function	ON / OFF
Multiple Link	Up to 10 counters can be connected.
External Inputs on Terminal Block(NPN)	SENSOR / RESET / LINK-IN / PARTS A / PARTS B
External Outputs on Terminal Block(NPN)	OK / NG / LINK-OUT
Parameter Memory	Parameters stored in internal nonvolatile memory
Power Source	100 - 240 V AC, 50/60 Hz
Output Voltage	Same as Input Voltage
External Dimensions (mm [inch])	W100 x D120 x H60 [W3.94" x D4.72" x H2.36"]
Mass (g [lbs])	470 [1.04]

Accessory: 2 m cord with UL 3-prong plug. This product is for use outside Japan.

LINK Function (Common to DLR5040A & DLR5640)

When counters are connected and activated in the screw fastening sequence as shown on the right, all screwdrivers are on standby except the first one in the sequence. Only when the first screw fastening is finished, can the next screwdriver change from standby to ready. When the last fastening in the sequence is finished, the first screwdriver is once again ready and the sequence can be repeated again. N.B. Up to 10 screwdriver/counter sets can be connected to the LINK.

Example of use together with a sensor available in the market

The first unit   The second unit   The third unit

LINK-OUT   LINK-IN   LINK-OUT   LINK-IN

See page 61 for External Dimensions

DLR5340-WE Non-CE

Features

Up to three sets of screwdrivers can be connected to one counter

- Up to eight kinds of screw fastening conditions* can be stored in internal memory for a wide variety of assembly work.
  *Screw fastening conditions switchable by an external signal.
- Count-up signal outputs
- Space saving
- The Count Correction Function does not count elevated screws or double fastening as fastening errors.
- Count Return Function: When a screw is loosened, a reverse signal output from the electric screwdriver reverses the count by one.

Specifications

Model	DLR5340-WE
Count	0 to 99
Counting Method	Count-up / Count-down
Count Correction Function	Count normal fastening only
Self Adjustable Timer Setting	0.01 to 2.50 sec.
Work Detection Function	Yes (1 terminal) / No
Work Installation Timer Setting	0 to 9.5 sec.
OK Output Timer Setting	0 to 9.5 sec.
NG Alarm	ON(1) / ON(2) / OFF
OK Buzzer	ON(1) / ON(2) / ON(3) / ON(4) / ON(5) / OFF
Count Return Function	ON / OFF
Screwdriver Lock Function	ON / OFF
Screwdriver Cord Connection	Single cord connection (Signal and power lines)
External Inputs on Terminal Block(NPN)	SENSOR / RESET / TORQUE CHECK / ch1/2/3
External Outputs on Terminal Block(NPN)	OK / NG / COUNT-UP / DRIVER A/B/C
Power Source	100 - 240 V AC, 50/60 Hz
Output Voltage	Same as Input Voltage
External Dimensions (mm [inch])	W150 × D120 × H60 [W5.91" × D4.72" × H2.36"]
Mass (g [lbs])	620 [1.37]

Accessory: 2 m cord with UL 3-prong plug. This product is for use outside Japan.