

**POKAYOKE**  
ポカヨケ

# Mistake-proofing (Pokayoke) for Tasks Using Tools in the Production Process

Version  
Update  
June 14,  
2023

## Simple Pokayoke Counter

### TW-800R-SCL V2.00

This Pokayoke receiver has a simple and sophisticated counter feature for customers who say, "I want to start mistake-proofing (pokayoke) right now for tasks using tools".



**Start Pokayoke Immediately**

**Enhancement of Counter Feature and Expansion of Usage Environment**

**Ensuring Traceability of Tasks**

**Contents  
of Version  
(V2.00)  
Update**

#### Additional Features in "Stand-alone Mode"

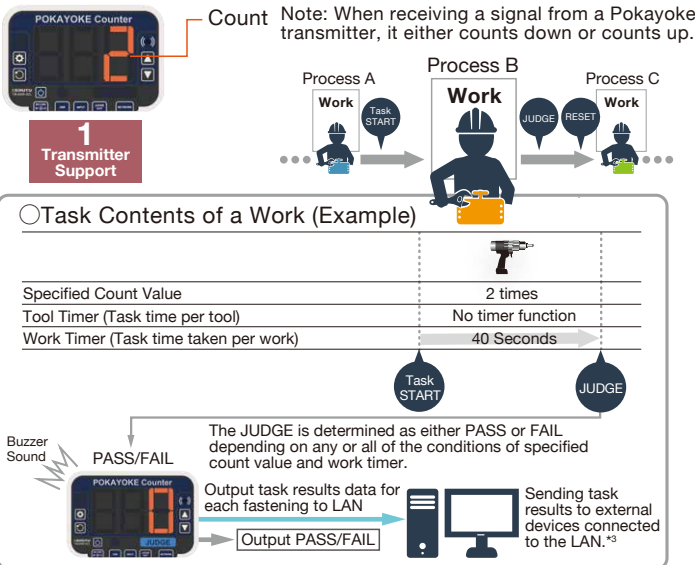
- Output task results data to LAN
- Counting-up
- JUDGE by work timer
- Sensor input to enable counting
- Work number display
- Automatic JUDGE ON/OFF setting
- Setting RESET-key disabled
- Setting to output PASS/FAIL continuously until RESET

#### Newly Added Mode

- Simple count mode  
A mode that only counts up and does not JUDGE (counts up to 999 times)

### Start Pokayoke Immediately

Using just one easy button operation, you can construct a Pokayoke system (task count management) with a tool (installed our Pokayoke transmitter). You can register one type of work with TW-800R-SCL\*1.



### Enhancement of Counter Feature and Expansion of Usage Environment

For usability in factories in various industries and sizes, we have upgraded the following mistake-proofing (pokayoke) features to meet customer demands while maintaining the simplicity of our 'Simple Pokayoke Counter TW-800R-SCL'.

	TW-800R-SC	TW-800R-SCL (Stand-alone mode)
Configurable Specified Count Value	Up to 99 times per work (2-digit count display)	Up to 999 times per work (3-digit count display)
Count-up of number of tasks	No (Countdown only)	Yes (Countdown, Count-up)
Buzzer Loudness	Piezo Buzzer 70dB (at 0.1 m (3.9")) (a loud voice)	Piezo Buzzer 90dB (at 0.1 m (3.9")) (a very loud voice)
JUDGE Method	JUDGE according to task count	JUDGE according to task count / JUDGE by external signal / JUDGE by work timer
RESET Method	RESET with the set timer / RESET-key press	RESET with the set timer / RESET-key press / RESET by external signal
Sensor Input Function to Enable Counting	No	Yes
Function to Output Task Results Data to LAN	No	Yes
Setting PASS/FAIL Output	Fixed (100 ms)	Selectable from 13 types of time
Installation Method	Desktop	Desktop, Wall mount possible
Available Countries	Japan / Canada / USA	Japan / Canada / USA / China / Thailand / Vietnam / Philippines / India

### Ensuring Traceability of Tasks

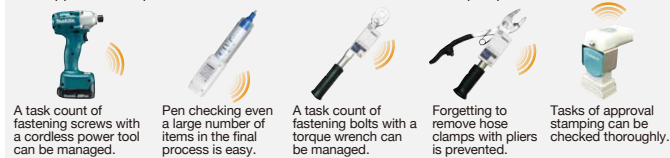
By linking\*2 with "POKAYOKE plus" via LAN, the functions of TW-800R-SCL can be greatly expanded, such as sequence function, work execution reservation function, history management of task results for each work, registrable unlimited number of works, etc.

	TW-800R-SCL (Stand-alone mode)	TW-800R-SCL (Application Interlock mode) × POKAYOKE plus
Work operation in TW-800R-SCL	Operation based on work registered in TW-800R-SCL	Operation based on work execution instruction from POKAYOKE plus
Registrable Task Contents for One Work	Task contents using 'one tool'	Task contents using 'up to 8 tools' (in the case of registering installed TW-800R-SCL at up to 8 stations in one work)
Registrable work count	1 Type (Up to 8 types with the use of options*1)	Unlimited
History Management of Task Results for Each Work	No	Yes ('Tool usage history' and 'work execution history' are saved in CSV format)
Remarks	-	Sequence function (manageable the order in which tools are used), work execution reservation function, battery level notification function

\*1: You can register up to 8 types of work by using the option 'Input Cable for Work-Select'.  
\*2: With the TW-800R-SCL, you can select one of three operating modes: 'stand-alone mode', 'simple count mode' or 'application interlock mode'. When using the TW-800R-SCL in combination with 'POKAYOKE plus', select 'application interlock mode'.  
\*3: With the TW-800R-SCL, you can select one of three operating modes: 'stand-alone mode', 'simple count mode' or 'application interlock mode'. When using the TW-800R-SCL in combination with 'POKAYOKE plus', select 'application interlock mode'.

### Various tools used at worksites such as manufacturing, logistics, and construction are compatible with this system.

- Check Pen S • Cordless Power Tool • Electric Screwdriver • Torque Wrench • Pliers Wrench
- Approval Stamp • Cable Tie Gun • Riveter • The LOCTITE® hand pump and more



We also offer the TW-800R-MCL, a battery-powered Pokayoke receiver with a count feature that allows 'Pokayoke Anywhere' regardless of location, while providing the same features as the TW-800R-SCL.



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