

PLC-2700 Series

Skip Stitch Detector / Bobbin Thread Remaining Detector /
Digital Tension / Cover Sensor Unit

JUKI

Available Now!

Smart Devices for PLC-2700 Series

- Skip Stitch Detector
- Bobbin Thread Remaining Detector
- Digital Tension
- Cover Sensor Unit



PLC-2760-7/CP-180/SD-26/AE-26/DT-21/SF-26

■ Bobbin Thread Remaining Detector

The buzzer sounds and the green lamp lights up when the amount of thread remaining on the bobbin reaches a predetermined length. It is also possible to stop the sewing machine at this point. With this function, the operator is allowed to concentrate on sewing work without caring about the amount of thread remaining on the bobbin.

■ Skip Stitch Detector

Stitch skipping is detected during sewing. This helps lighten the operator's inspection work load and also prevents defective products from being shipped. In the case where a skipped stitch is detected, the buzzer sounds, the red lamp lights up and the sewing machine stops. With this function, the operator is allowed to concentrate on sewing work without worrying about skipped stitching.



■ Digital Tension

Thread tension can be numerically controlled. Since the thread tension cannot be changed without a control box, a change in thread tension by the operator for personal preference is prevented.



Digital Tension

Since the needle thread tension is changed with the stepping motor, consistent thread tension control is achieved. (In addition, a thread tension which matches a sewing process can be easily reproduced by the control box to the sewing machine.)



Control Box

Sixteen different thread tension values can be set for a single sewing machine unit. In addition, one control box is able to manage thread tensions for 250 sewing machine units at the maximum.

Cover Sensor Unit

The cover sensor unit detecting ①,② and ③ (shown below) are closed tightly during sewing, thereby preventing the sewing machine from starting up unexpectedly. (①,② and ③ can be used discretely.)

① Eye guard with an open/close sensor



The eye guard prevents a broken needle from flying off. If the eye guard is open, the sewing machine cannot be started. As a result, the sewing machine will not start up unexpectedly even if the operator forgets to turn the power off.

② Bed slide with an open/close sensor



The sewing machine will not start if the throat plate is open. This prevents the material from being caught in the hook during sewing.

③ Handwheel cover with an open/close sensor



The handwheel cover prevents the sewing machine from starting up unexpectedly while the operator is turning the handwheel by hand. In addition, the cover also prevents the thread and material from being entangled in the handwheel during sewing.

Devices by model

Model	Type	Skip Stitch Detector	Bobbin Thread Remaining Detector	Digital Tension	Cover Sensor Unit			
					Needle cover	Flywheel cover	Slide plate cover with cable	Cable
PLC2710	Full set	40162091	40154826	40153263	40165317			
	Single kit	-	-	40152498	40152602	40152604	40167393*	40151337
PLC2760	Full set	40162092	40153314	40153924	40165316			
	Single kit	-	-	40153925	40152602	40152604	40167392*	40151337
Remarks				*Full set includes control box	*Cable (40151337) is included in Slide plate cover kits (40167393 & 40167392) but needs to be ordered separately for Needle and Flywheel Cover.			

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Registered Organization : JUKI CORPORATION Head Office
The Scope of the Registration : The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.