Operator's Manual

Present Sensor
PS800 / PS900 / PS1000

Made in Germany

Operator's Manual for the following products

Present Sensor	PS800
	PS900
	PS1000

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Editor

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Topicality

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1 Introduction

1.1 Instructions

Important information and instructions are designated as follows:

Attention!
Draws attention to potential risks of property damage or loss of quality.

Note!
Advices to make work routine easier or on important steps to be carried out.

▶ Handling instructions

▷ Reference to chapter, position, picture number or document.

∗ Option (accessories, peripherals, extras).

Time Viewed in the display / monitor.

1.2 Intended Use

- The devices are options only for cab SQUIX label printer to dispense of material which approved by the manufacturer. Any other use or use going beyond this shall be regarded as improper use. The manufacturer/supplier shall not be liable for damage resulting from unauthorized use; the user shall bear the risk alone.
- Perform only those actions described in this operating manual.
  Work going beyond this may only be performed by trained personnel or service technicians.

Attention!
The use of a Present Sensor requires a printer model designed for the peel-off mode (SQUIX 4P/4MP).

Note!
The complete documentation can also currently be found in the Internet.

2 Product Description

In peel-off mode print jobs will by split in cycles with the following steps:

- A label will be printed, peeled-off from the liner and presented in the peel position.
  The print job stops.
- The label will be removed from the peel position.
  Then depending on the printer settings a label backfeed will be carried out. That way the front edge of the next label will be fed back ahead of the printing line.

The cycle will be repeated till the end of the print job.

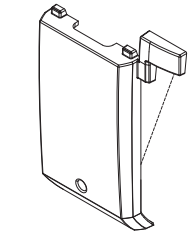
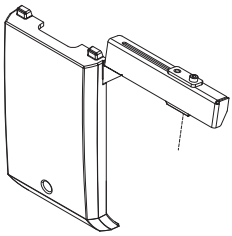
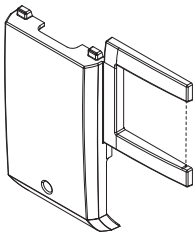
	**PS800** • Detection of labels in peel-off position by a see-through sensor with fixed sender. • For SQUIX 4P with left-aligned material guide only. • Distance between operating point of the sensor and material edge 7 mm.
	**PS900** • Detection of labels in peel-off position by a horizontally adjustable reflective sensor. • on SQUIX 4MP: for all applications, Distance between operating point of the sensor and middle of the material 0 - 48 mm to the left. • on SQUIX 4P: for operating e.g. circular labels Distance between operating point of the sensor and material edge 12 - 60 mm
	**PS1000** • Detection of labels in peel-off position by a see-through sensor with fixed sender. • For SQUIX 4MP with center-aligned material guide only. • Operating point of the sensor aligned to the middle of the media.

Table 1 Types

Note!
Keep the original packaging for later transports.

Attention!
Damage and failure in function by dust, dirtiness and humidity.
▶ **Use devices only in a clean and dry environment.**

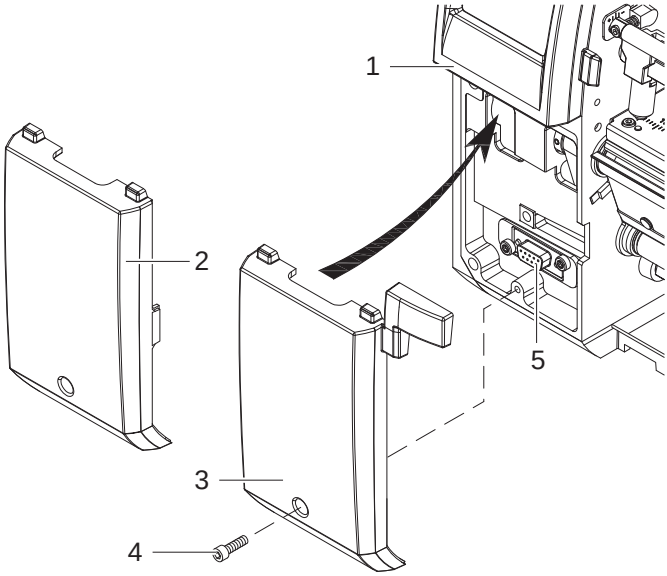


Figure 1 Mounting the present sensor

- ▶ Switch off the printer.
- ▶ Loosen screw (4).
- ▶ Remove cover (2).
- ▶ Push the guides of the present sensor (3) under the control panel (1).
- ▶ Press the present sensor against the printer. Ensure that the SUB-D9 connector of the present sensor will be connected to the peripheral interface (5) of the printer.
- ▶ Secure the present sensor with screw (4).

4.1 Preparation

- ▶ Insert labels or peel-off mode ▷ Operator's manual of the printer.
- ▶ Insert ribbon ▷ Operator's manual of the printer.
- ▶ Activate the peel-off mode in the software.
  In direct programming use the "P" command.
  ▷ Programming Manual of the printer.
- ▶ Configure the peel-off parameters ▷ „5 Printer Configuration“.

Note!
The peel-off parameters are only accessible with a present sensor installed.

4.2 Adjusting the Sensor on PS900

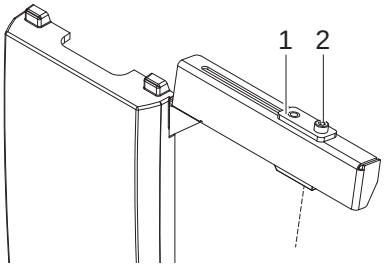


Figure 2 Adjusting the sensor

- ▶ Loosen screw (2).
- ▶ Move the sensor (1) sidewards.
- ▶ Tighten screw (2).

4.3 Peel-off Operation

The present sensor is immediately ready for use.

- ▶ Send a print job.
  The first label will be printed and transported to the peel position.
- ▶ Remove the label.
  The next label will be printed and transported to the peel position.

Note!
Special operating modes using the I/O interface of the printer are described in the ▷ Configuration Manual of the printer.

Peel-off Parameter

- ▶ Start menu.
- ▶ Select  *Setup* >  *Peeling-off.*

Parameter	Meaning	Default
 *Peel-off position*	Shift the position of the dispensed label relative to the dispensing edge. The setting can also be adjusted by the software. The settings of configuration and software are added together.	*0.0 mm*
 *Backfeed delay*	Delay time between removing the label from the peel position and the backfeed of the label.	*250 ms*

Table 2 Parameter of the *Setup* > *Peeling-off* menu

Backfeed

- ▶ Start menu.
- ▶ Select  *Setup* >  *Printing.*

Parameter	Meaning	Default
 *Backfeed*	Method for backfeeding the label medium. Backfeeding is necessary in the cutting and peel-off modes since a label is pushed out passed the front edge of the next label above the print line when peeling off/cutting. *always*: Backfeeding occurs independently of label contents. *smart*: Backfeeding only occurs when the next label is not yet completely prepared when peeling off/cutting the current label. Otherwise, the second label is pushed on and completed after removal of the first label without backfeeding.	*smart*

Table 3 Parameter *Backfeed* in the *Setup* > *Printing* menu

6.1 Reference to the EU Declaration of Conformity

The Present Sensors PS800 / PS900 / PS1000 comply with the relevant fundamental regulations of the EU Rules for Safety and Health:

- Directive 2014/30/EU relating to electromagnetic compatibility
- Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EU Declaration of Conformity

▷ https://www.cab.de/media/pushfile.cfm?file=2784

6.2 FCC

NOTE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The equipment generates, uses, and can radiate radio frequency and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user may be required to correct the interference at his own expense.