

Web Guide Sensor PSM-2000 Sensor Head PPM-2000 Operation Panel

G-Series

Pattern and character can also be followed.





Align



Outline

In addition to continuous patterns such as web edges and printed line marks, this sensor also detects the position of intermittent patterns such as pictures and letters. It's combined with exclusive controller and driving machine and meander correction of a web is performed.

Feature

Follow an intermittent pattern

By pattern matching, intermittent patterns such as pictures and letters can be followed in addition to web edges and printed line marks.

• Enables detection of various Web

Various webs can be detected by using built-in filter. Detection of transparent film edge on specular roll is also possible.

One touch teaching

It is possible to teach a reference image to be tracked with one touch.

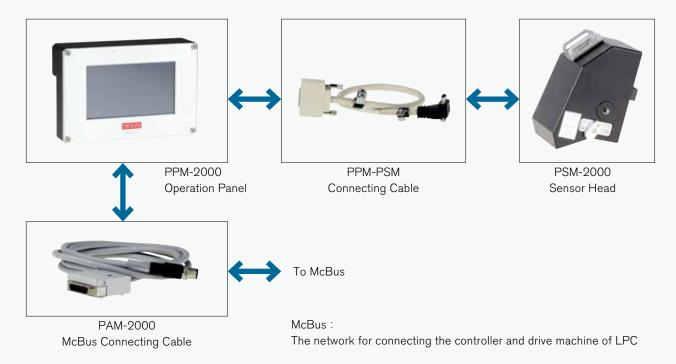
Screen Explanation



- It is easy to check the follow-up state by displaying imaged images and deviations.
- It can also be used as a remote controller of LPC by operation buttons.
- It is convenient to switch the operation mode and adjust the parameters at the sensor's hand.
- The reference image to be a follow-up of the target can be stored up to three, and can be used at any time call.

Equipment Composition

This sensor consists of the following four parts. Each of these will be arranged separately.



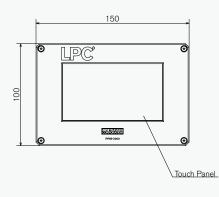


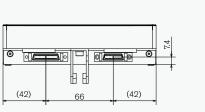
Technical Data

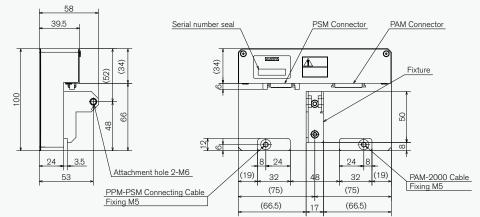
External Dimension		Refer to outline drawing
Power Source		DC24V \pm 20%(It supplies through McBus) $\%$
Consumption Current		0.6A (Total current consumption of PPM-2000, PSM-2000, PAM-2000)
Mass		Sensor head PSM-2000 : About 700g Operation panel PPM-2000 : About 500g
Body Material		Sensor head PSM-2000 : ADC12, SPCC Operation panel PPM-2000 : ADC12, A5052
Installation Environment	Temperature	0 ~ 40°C
	Humidity	80% RH or less (No condensation)
	Atmosphere	Indoor (direct rays should not hit) It is airy. Corrosive Gases · Flammable Gases · Oil Mist · There is no dust.
	Others	Please avoid installation at a place with much vibration.
A connectable controller		PEM-200、PEM-3000
Image Sensor		CCD Area sensor (Collar)
Light Source		White LED
Imaging Area		24×9.6 mm
Resolution		0.01mm
Scan Frequency		220Hz
Detection Roll		ф 80mm or more
Cable Length		PPM-PSM Connecting cable: 0.4 m PAM-2000McBusConnecting cable: 2 m

% McBus: The network for connecting the controller and drive machine of LPC

Outline Drawing

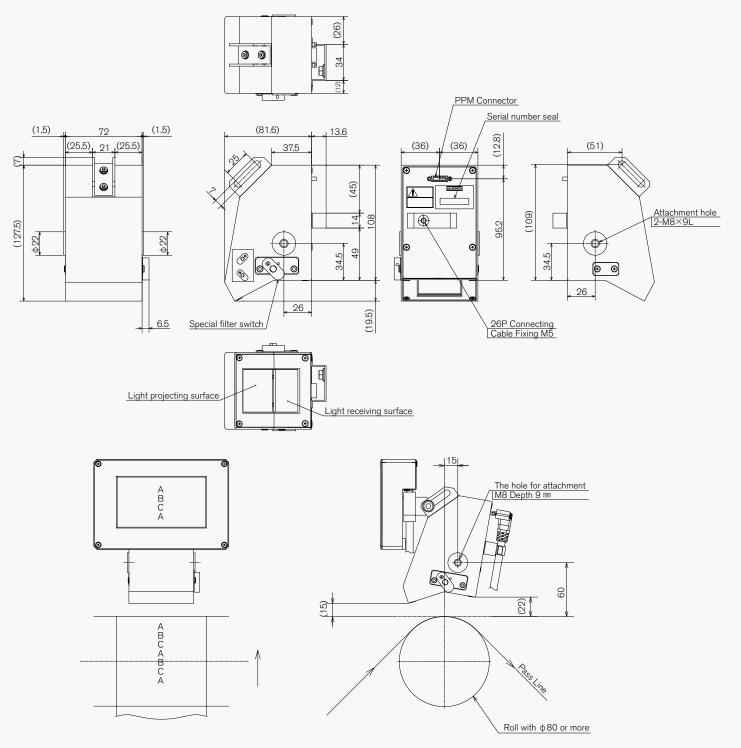














Lending "hands" to replace human hands.

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