

# ATRON | PS - 400S










## SLOT TYPE PHOTOELECTRIC SENSOR









### Description:

Through beam web guiding sensor based on visible light.  
Suitable for edge tracking of rolling of opaque and non transparent thin film materials.  
High stability and accuracy is guaranteed together with robustness.

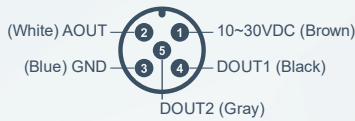
### Material Calibration:

- 1- Press  button longer than 3 seconds, and all leds will flash together 
- 2- Remove the material, give a short press on  button, the blue led will flash  after all leds flash in rotation 
- 3- Fully fill the material, give a longer than 3 sec. press on  button, the leds will light for working mode, after all leds flash in rotation 
- 4- Verify the calibration, by removing material the leds will light at right side,  and by filling material the leds will light at left side 

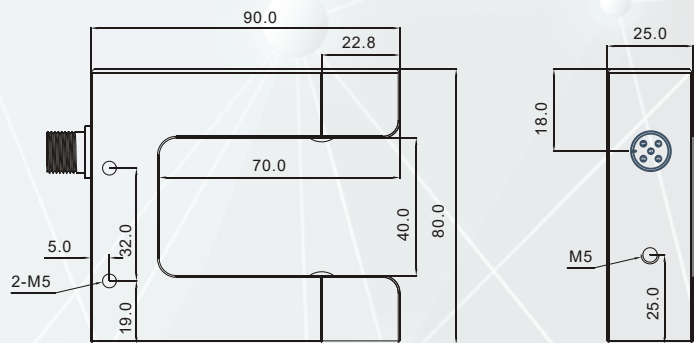
### Precision Setting:

- 1- Press  button longer than 7 seconds, and blue led will flash  (precision: 0.5 mm.)
- 2- Give a short press on  button, to select different precision each time,  (precision: 1.5 mm.) leds will flash and  (precision: 1.5 mm.) leds will flash.
- 3- Press longer than 6 seconds  to save the setting and exit.

### Cable Connection Diagram:



### Dimensions (mm.):



### Technical Specifications:

Tracking Method	: Edge Tracking	Power Supply	: DC 10~30V - 70mA
Detection Method	: Photoelectric Opposite Beam	Analog Output	: 0~5V
Detection Range	: 8 mm. (±4 mm.)	Digital Output	: 2 * NPN
Detection Accuracy	: 0.02 mm.	Weight	: 250 g.
Detection Response	: 1 msec.	Protection	: IP54
Carrier Frequency	: 100Khz. / 1Khz.	Environment Condition	: -10~80°C below RH %80
		Body Material	: Aluminium Alloy