

New

PM-64 SERIES



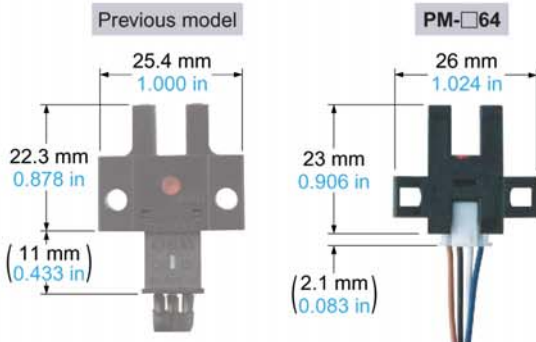
New concept Built-in connector saves space!!



SPECIFICATIONS	
Type	Small Connector type
Model No.	PM-K64 / PM-T64 / PM-L64 / PM-Y64 / PM-F64 / PM-R64
Sensing range	5 mm 0.197 in (fixed)
Minimum sensing object	0.8 × 1.8 mm 0.031 × 0.071 in opaque object
Repeatability	0.01 mm 0.0004 in or less
Supply voltage	5 to 24 V DC ± 10 % Ripple P-P 10 % or less
Output	NPN open-collector transistor
Output operation	Incorporated with 2 outputs: Light-ON / Dark-ON
Response time	Under light received condition: 20 μs or less Under light interrupted condition: 100 μs or less (response frequency: 1 kHz or more)
Emitting element	Infrared LED (peak emission wavelength: 940 nm 0.037 mil, non-modulated)

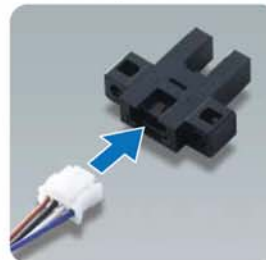
Contributes to space savings

The connector is built into the sensor. This greatly reduces the amount of space taken up compared to previous products.



Can be connected using commercially-available connectors for higher reliability

The connector connection type eliminates the extra work of soldering and insulation processing. In addition, the connector used is a commercially-available multi-purpose connector which is also currently used by the DP-100 series of digital pressure sensors.



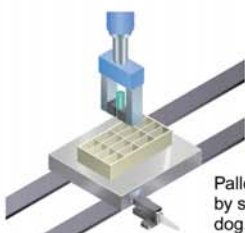
Digital pressure sensor DP-100 series

Multi-purpose connectors

SUNX also has multi-purpose connectors available for small-lot orders.
 Model No.: **CN-14A**
 Contents: Set of housings × 10 & contacts × 40
 Connector attached cable is also available.
 Model No.: **CN-14A-C□**
 Cable length: 1 m, 2 m, 3 m, 5 m 3.281 ft, 6.562 ft, 9.843 ft, 16.404 ft

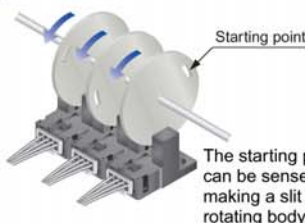
A P P L I C A T I O N S

Determining the pallet position



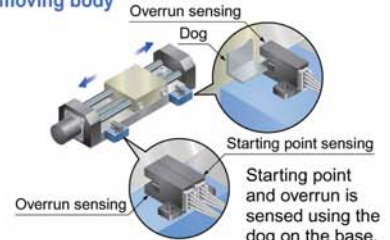
Pallet is stopped by sensing the dog.

Sensing the starting point on a rotating body



The starting point can be sensed by making a slit in the rotating body.

Sensing the starting point and overrun of a moving body



Starting point and overrun is sensed using the dog on the base.

