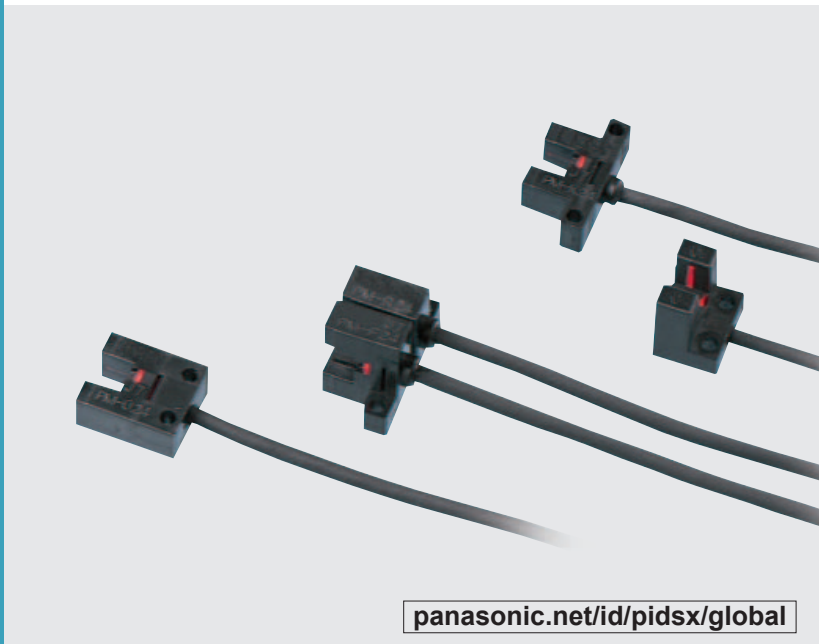


PM-24 SERIES

Related Information

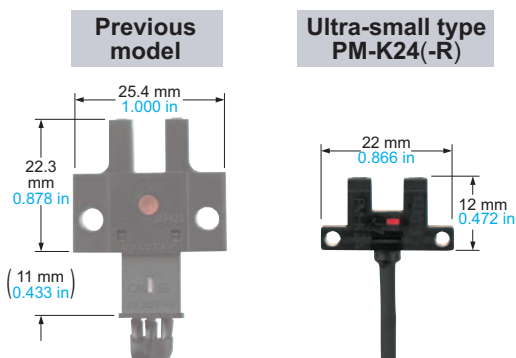
- General terms and conditions F-13
- Sensor selection guide P.427~
- Glossary of terms / General precautions P.1455~ / P.1458~
- Korea's S-mark P.1506



Extremely small size enables space saving!!

Extremely small size and space saving

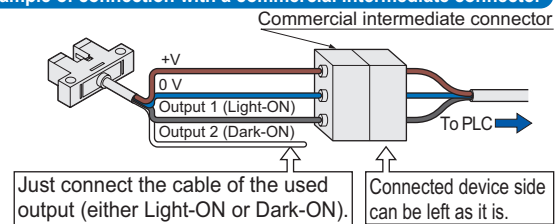
PM-24 series contributes to the miniaturization or space saving of your equipment.



Equipped with two independent outputs

All models are equipped with two independent outputs—Light-ON and Dark-ON. Hence, one model suffices even if the output is to be used differently, depending upon the location of use. Also, since two independent outputs have been provided, cumbersome handling of the output conversion control input, or fear of logic inversion due to a cable break, is eliminated. The sensor can be connected to the existing wiring as it is.

Example of connection with a commercial intermediate connector



Note: Ensure to insulate the unused output wire.

Wide model variety

A wide variety of 5 shapes and 15 models is available. You may select from this wide range to suit the mounting conditions.

Meets global requirements

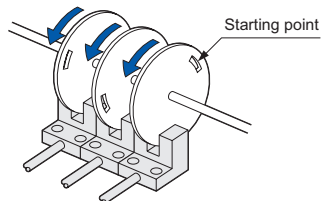
Conforms to Europe's EMC Directive and obtains UL Recognition. Both, NPN and PNP output models are available. The **PM-□24** has also obtained Korea's S-mark certification.

- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS / SAFETY COMPONENTS
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE-SAVING UNITS
- WIRE-SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC ELECTRICITY PREVENTION DEVICES
- LASER MARKERS
- PLC
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS
- Selection Guide
- U-shaped
- Convergent Reflective
- PM-64
- PM-24
- PM-44/PM-54

APPLICATIONS

Sensing the starting point on a rotating body

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



ORDER GUIDE

Type	Appearance (mm in)	Sensing range	Model No. (Note)	Output	Output operation
Ultra-small		5 mm 0.197 in (fixed)	PM-K24	NPN open-collector transistor	Incorporated with 2 outputs: Light-ON / Dark-ON
			PM-K24P	PNP open-collector transistor	
			PM-K24-R	NPN open-collector transistor	
			PM-L24	NPN open-collector transistor	
			PM-L24P	PNP open-collector transistor	
			PM-L24-R	NPN open-collector transistor	
			PM-F24	NPN open-collector transistor	
			PM-F24P	PNP open-collector transistor	
			PM-F24-R	NPN open-collector transistor	
			PM-R24	NPN open-collector transistor	
			PM-R24P	PNP open-collector transistor	
			PM-R24-R	NPN open-collector transistor	
			PM-U24	NPN open-collector transistor	
			PM-U24P	PNP open-collector transistor	
			PM-U24-R	NPN open-collector transistor	

Note: The suffix "-R" indicates a flexible cable type.

3 m 9.843 ft cable length type

3 m 9.843 ft cable length type (standard: 1 m 3.281 ft) is also available. (excluding flexible cable type and PNP output type)

When ordering this type, suffix "-C3" to the model No.

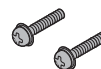
(e.g.) 3m 9.843 ft cable length type of **PM-K24** is "**PM-K24-C3**".

OPTIONS

Designation	Model No.	Description
Mounting screw	MS-M2	Mounting screw with washers for the ultra-small type sensor (50 pcs. lot). It can mount securely as it is spring washer attached.

Mounting screw

• MS-M2



FIBER SENSORS

LASER SENSORS

PHOTO-ELECTRIC SENSORS

MICRO PHOTO-ELECTRIC SENSORS

AREA SENSORS

LIGHT CURTAINS / SAFETY COMPONENTS

PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASUREMENT SENSORS

STATIC ELECTRICITY PREVENTION DEVICES

LASER MARKERS

PLC

HUMAN MACHINE INTERFACES

ENERGY CONSUMPTION VISUALIZATION COMPONENTS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Selection Guide

U-shaped

Convergent Reflective

PM-64

PM-24

PM-44/
PM-54