

# Replacement from PM-U24

The recommended substitute of PM-U24 will be **PM-U25**.

## Differences of specifications

	PM-R24	PM-R25
Sensing range	5mm/0.197in	6mm/0.236in
Protection circuits	No equipped	Reverse supply polarity protection Reverse output polarity protection Output short-circuit protection
Protection	None	IP64
Under light interrupted condition	100 $\mu$ S or less	80 $\mu$ S or less
Repeatability	0.03mm/0.001in or less	0.01mm/0.0004in or less
Minimum sensing object (opaque object)	0.8 x 1.8mm /0.31 x 0.071in	0.8 x 1.2mm/0.31 x 0.047in
Residual voltage	0.7V or less (at 50mA sink current) 0.4V or less (at 16mA sink current)	2V or less (at 50mA sink current) 1V or less (at 16mA sink current)






## Other related successor models

- PM-U24-C3 (Cable Length 3m/9.843ft) ⇒ PM-U25-C3
- PM-U24-R (Bending-resistant cable 1m/3.281ft) ⇒ PM-U25-R
- PM-U24P (PNP output cable 1m/3.281ft) ⇒ PM-U25P

# Replacement from PM-U24

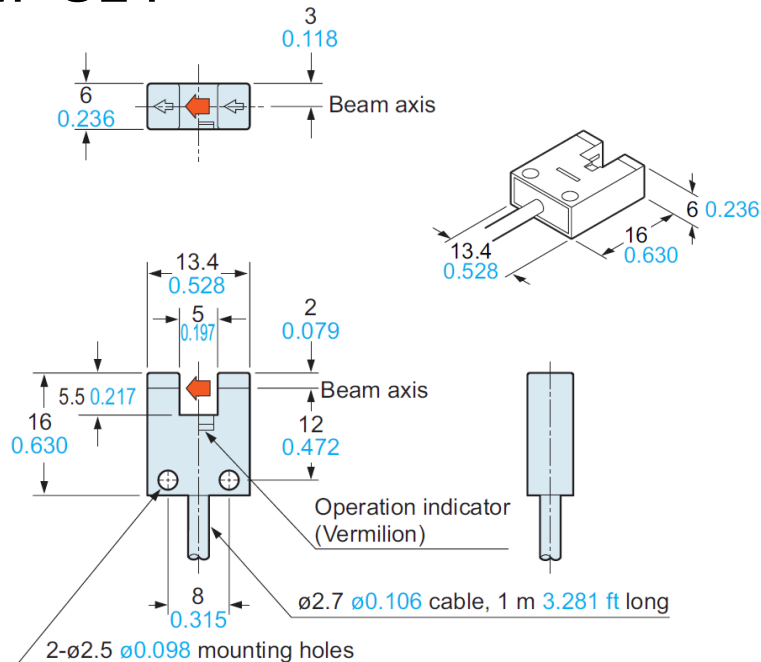
## Differences of mounting

 Important point

-  Outline is the same.
-  Mounting hole becomes larger. 2- $\phi$  2.5mm/ $\phi$  0.098in mounting hole.  $\Rightarrow$  2- $\phi$  3.2mm/ $\phi$  0.126in mounting hole
-  The mounting hole pitch is the same at 8mm/0.315in.
-  M2 mounting only.  $\Rightarrow$  M2 and M3 mounting possible.
-  In case of M2 installation, conventional mounting holes can be diverted, but a washer is necessary.

## Dimensions

### PM-U24



### PM-U25

(mm in)

