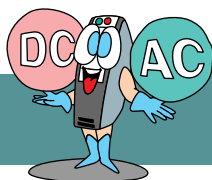


# Compact Size • Multi-voltage

## Photoelectric sensor



### NX5 SERIES

#### New world-wide usable sensor

#### 1 Multi-voltage

24 ~ 240V AC and 12 ~ 240V DC suitable for supply voltages all over the world.

#### 2 Miniature

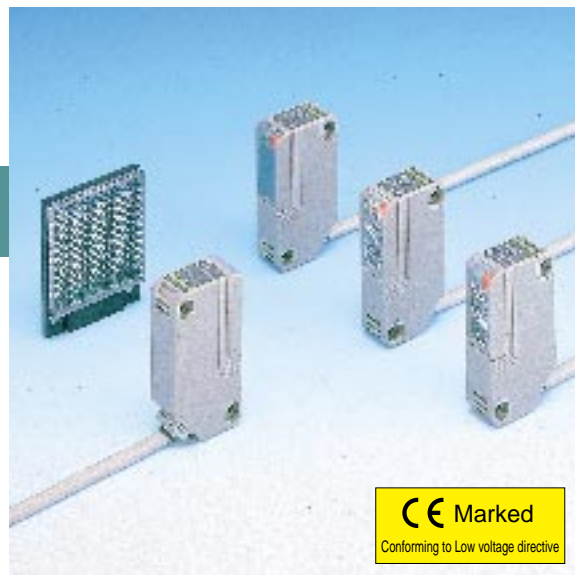
The multi-voltage sensor is just 35mm wide.

#### 3 Low price

In addition to basic operability:

- Reliable N2 hermetically sealed relay for output
- Interference prevention function
- IP66 protection

#### 4 Long sensing range



**CE Marked**  
Conforming to Low voltage directive

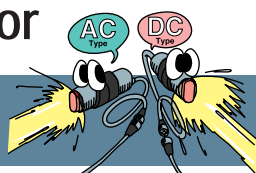
Type		Thru-beam		Retroreflective		Diffuse reflective
		Long sensing range		With polarizing filters	Long sensing range	
Model No.	Light-ON	NX5-M10RA	NX5-M30A	NX5-PRVM5A	NX5-RM7A	NX5-D700A
	Dark-ON	NX5-M10RB	NX5-M30B	NX5-PRVM5B	NX5-RM7B	NX5-D700B
Sensing range		10m	30m	0.1 ~ 5m	0.1 ~ 7m	700mm
Supply voltage		24 ~ 240V AC $\pm$ 10% or 12 ~ 240V DC $\pm$ 10%				
Output		Relay contact 1c				
Protection		IP66 (IEC)				
Emitting element		Red LED	Infrared LED	Red LED	Infrared LED	

Notes: 1) 5m cable length type is available. (Standard: 2m)

2) No mounting bracket is attached with the **NX5** series. Please order it separately.

# Cylindrical Type

## Photoelectric sensor



### CY SERIES

#### Simple mounting with M18 thread

#### 1 M18 thread

This sensor is M18 threaded on the enclosure, which is convenient for mounting.

#### 2 Easy to replace

The pigtail sensor (CY-□-J) is easy to replace.

#### 3 Wide product range

##### Supply voltage

- ① AC type (24 ~ 240V AC)
- ② DC type (10 ~ 30V DC)

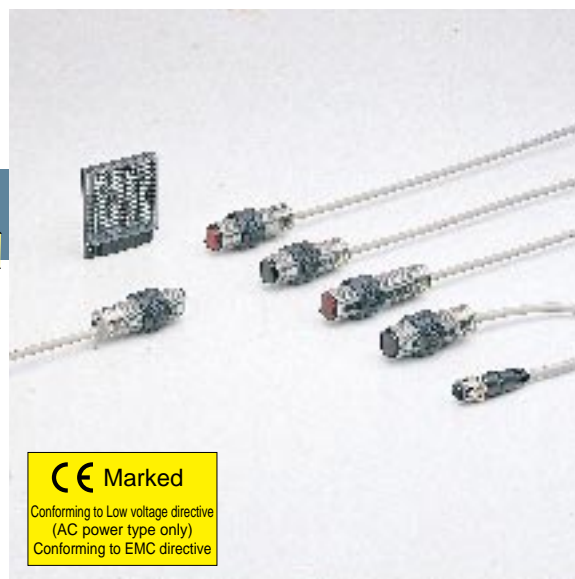
##### Output

- ① NPN open-collector transistor
- ② PNP open-collector transistor
- ③ AC non-contact (thyristor) output

##### Connection

- ① Cable type
- ② Pigtail type

A total of 32 models are available.



**CE Marked**  
Conforming to Low voltage directive  
(AC power type only)  
Conforming to EMC directive

Type	Thru-beam	Retroreflective		Diffuse reflective
		With polarizing filters		
Sensing range	12m	3m	1.5m	120mm
Supply voltage	AC power type: 24 ~ 240V AC $\pm 10\%$ , DC power type: 10 ~ 30V DC			
Response time	AC power type: 20ms or less, DC power type: 2ms or less			
Test input function	Incorporated in DC power type only	_____		
Protection	IP67 (IEC)			
Emitting element	Infrared LED		Red LED	Infrared LED