

J SERIES

- JT-□1000□□ ·JT-□1000□□IR
 ·JR-□300□□ ·JD-□R80□□
 ·JD-□L03□□ ·JD-□W08□□

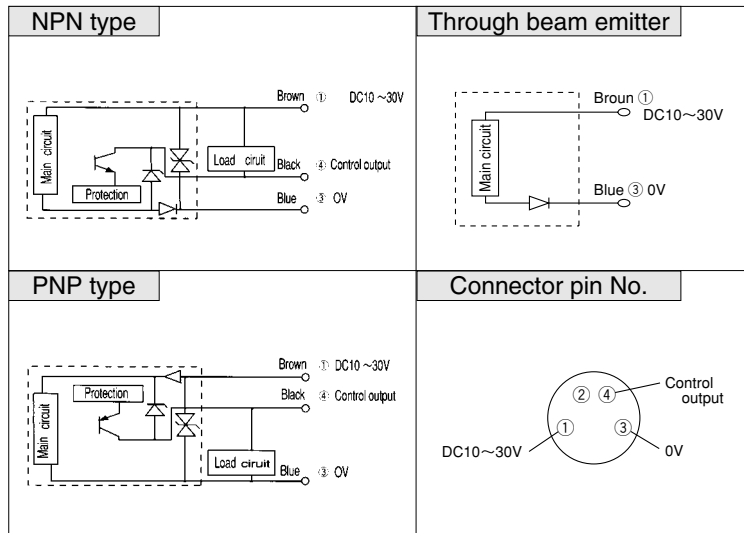
INSTRUCTION MANUAL

- Confirm if the item meets your needs.
- Before the use, you should first thoroughly read this manual and operate correctly as mentioned.
- You should keep this manual at hand for proper use.

SPECIFICATIONS

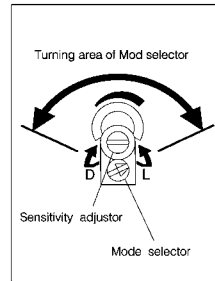
	Through beam		Retro reflection	Diffused reflection	Limited range ref.	Divergent range ref.
Cable type	JT- (S,H) 1000(N, P) R	JT- (S,H) 1000(N, P)	JR- (S,H) 300(N, P)	JD- (S,H) R80(N, P)	JD- (S,H) L03(N, P)・	JD- (S,H) W08(N, P)・
	Connector type	JT- (S,H) 1000C (N, P) R	JT- (S,H) 1000C (N, P)	JR- (S,H) 300C (N, P)	JD- (S,H) L03C (N, P)・	JD- (S,H) W08C (N, P)・
Detecting distance	10m		3m	80cm	2～5cm	8cm
Supply voltage	DC10～30V Including ripple (P－P) 10%					
Current consumption	Sender : 20mA max.	Sender : 25mA max.	20mA max.			
	Receiver : 15mA max.	Receiver : 15mA max.				
Light Source	Red LED	IR LED	Red LED			
Response time	0.5ms max.					
Control output	NPN／PNP Open collector 100mA max.／DC30V					
Operation mode	Light ON／Dark ON Selectable by switch					
Sensitivity adjustment	2 turns endless volume with indicator					
Indicator	Out put indicator (orange LED)		Stable indicator (green LED)	Power indicator for Through beam sender (red LED)		
Ambient temp./humidity	－25～55℃／35～85％RH					
protection category/material	IP67／Case : PBT (glass included) Front cover : PMMA					

INPUT AND OUTPUT CIRCUIT DIAGRAMS



PRECAUTION

Mode selector should be turned between the stop L (light-on) and D (dark-on). Overturn beyond the stop causes defective operation. Do not leave the volume in the mid-point between the ends.

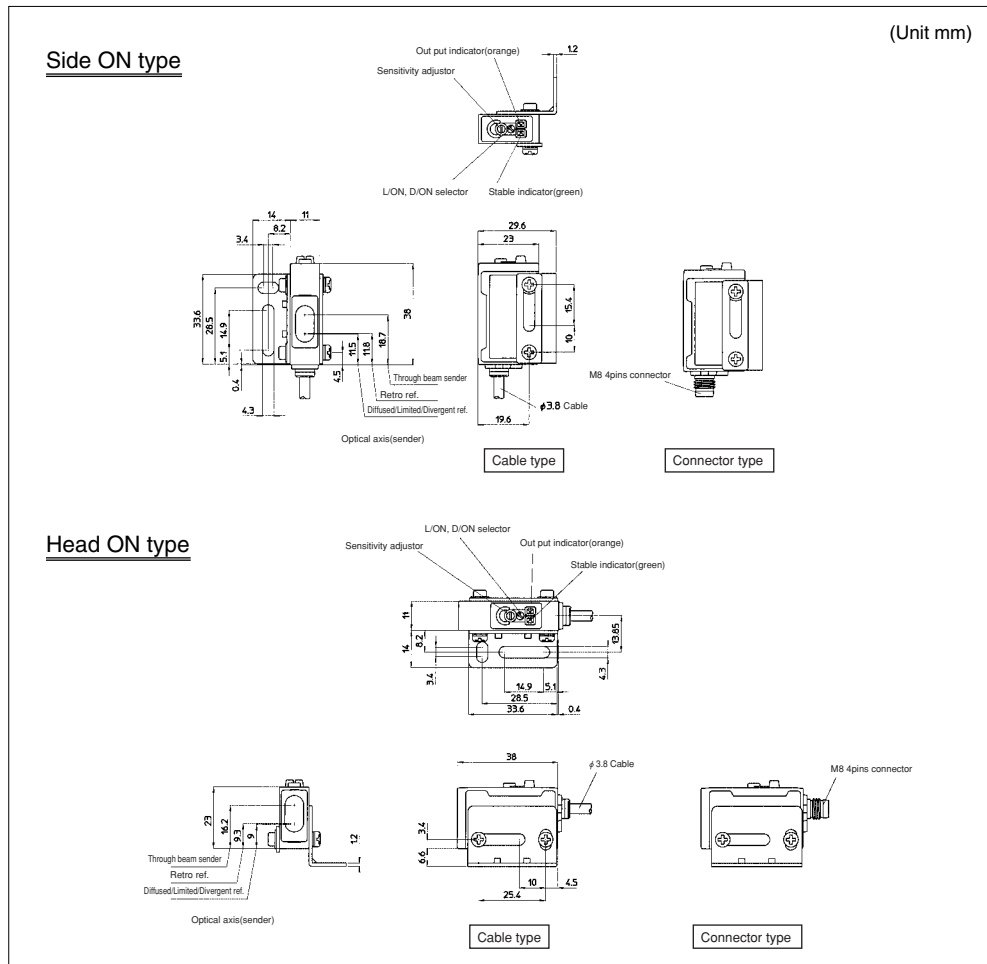


Initial position
 Dark ON Through beam.Retro-reflection
 Light ON Diffused reflection type

ACCESSORIES

- Standard reflector(for Retro-ref.)**
 Detecting distance 3m Type : V-6 1
- Optional reflector**
 Detecting distance 2m Type : V-4 2
- Optional reflector**
 Detecting distance 1.2m Type : P-4 5

DIMENSIONS



⚠ Must not use this item as safety equipment for the purpose of human body protection.

• Specifications and equipment are subject to change without any obligations on the part of manufacture.

• For more information, questions and comments regarding products, please contact us below.

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