



Photoelectric Sensor

S SERIES

- S T-400 □ □
- S D-2 0 □ □
- S R-150 □ □
- BGS-S08 □ □
- S R-Q50 □ □
- BGS-S O 3 N

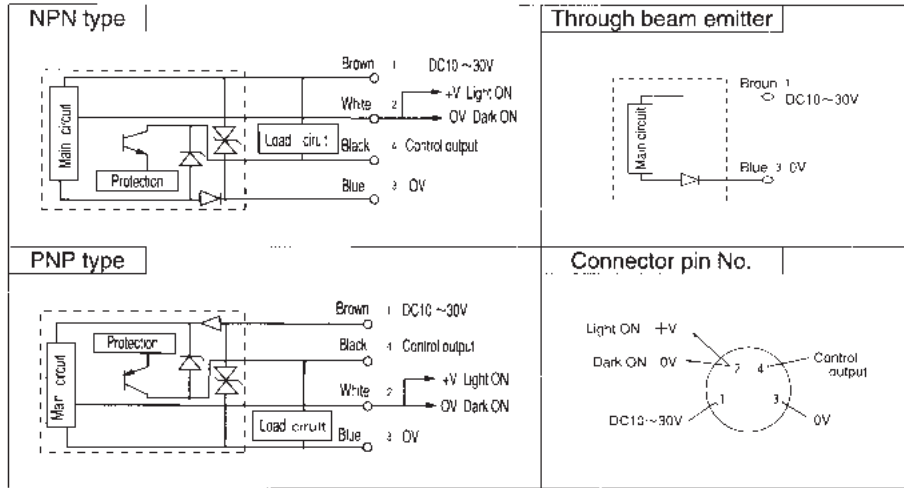
INSTRUCTION MANUAL

- 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.

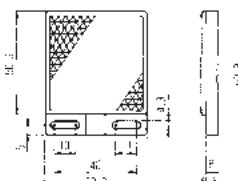
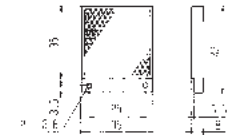
SPECIFICATIONS

	Through beam	Diffused ref.	Retro-ref.	BGS	Transparent objects	BGS small spot
Cable type	ST-400 (N.P)	SD-20 (N.P)	SR-150 (N.P)	BGS-S08 (N.P)	SR-Q50 (N.P) W	BGS-SO3N
Connector type	ST-400C (N.P)	SD-20C (N.P)	SR-150C (N.P)	BGS-S08C (N.P)	SR-Q50C (N.P) W	—
Detecting distance	4m	20cm	1.5m	10~80mm	50cm	8~30mm
Supply voltage	DC10~30V					
Current consumption	30mA max.			20mA max.		
Light Source	Red LED					
Response time	0.5ms max.					
Control output	NPN/PNP Open collector DC30V 100mA max.					
Operation mode	Light ON/Dark ON selectable by wiring					
Sensitivity adjustment	1 turn volume		5 turn (endless)		1 turn volume 5 turn (endless)	
Indicator	Light Indicator (red)					
Ambient temp./humidity	-25~55°C / 35~85%PH					
Protection category material	IP67 / Case : PSF+PBT (glass included) Front cover : PC (PMMA for Retro-ref)					

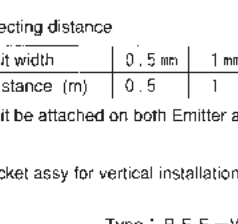
INPUT AND OUTPUT CIRCUIT DIAGRAMS



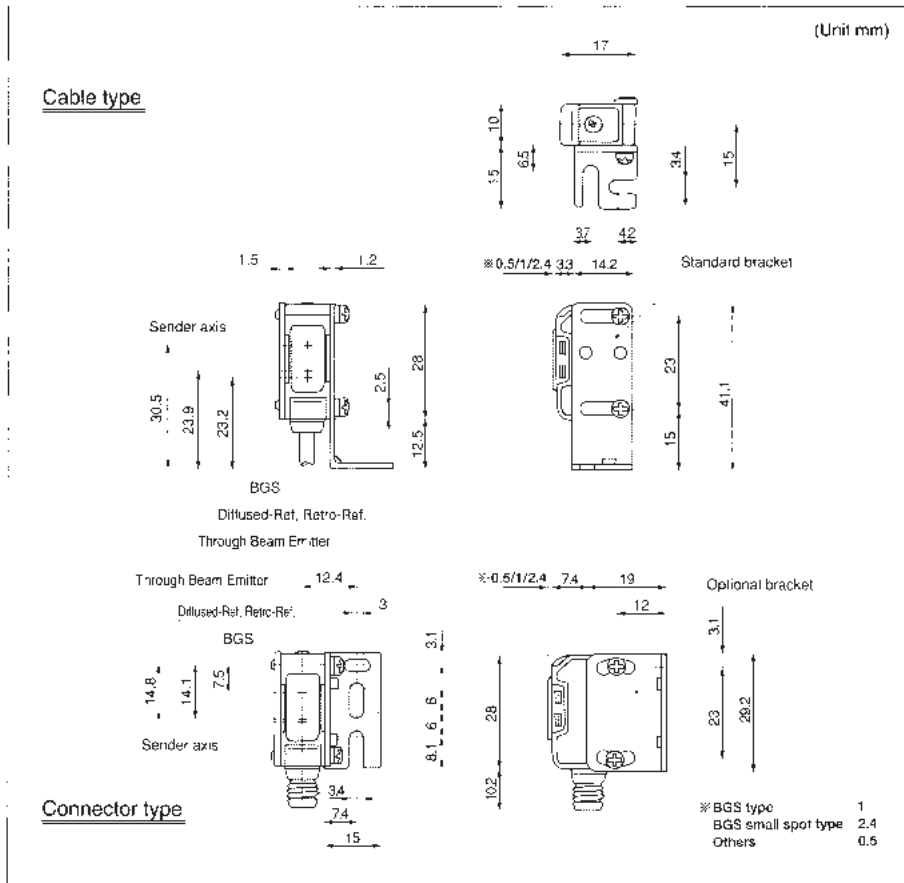
ACCESSORIES

- Standard reflector (for Retro-ref.)
Detecting distance 1.5m Type : V-6 1

(Unit mm)
- Optional reflector
Detecting distance 80cm Type : V-4 2

(Unit mm)
- Slit for Through beam type (option)
Type : B L-1 5 0-1 0
Detecting distance

Slit width	0.5 mm	1 mm	2 mm
Distance (m)	0.5	1	1.8

(Slit be attached on both Emitter and Receiver)
- Bracket assy for vertical installation (option)
Type : B E F-W 1 5 0-B


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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