Are you using wasteful space and costs?

For example, there is a difference between a cable bare and a remote system

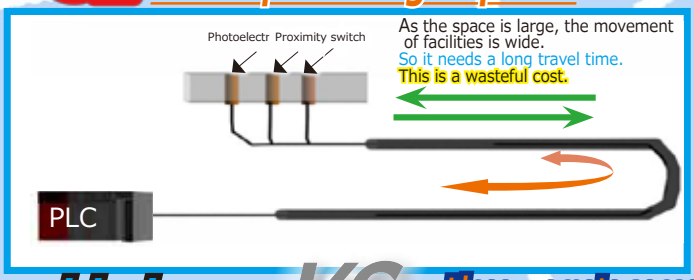
Linear Remote Sensor System

For facilities that moves linearly

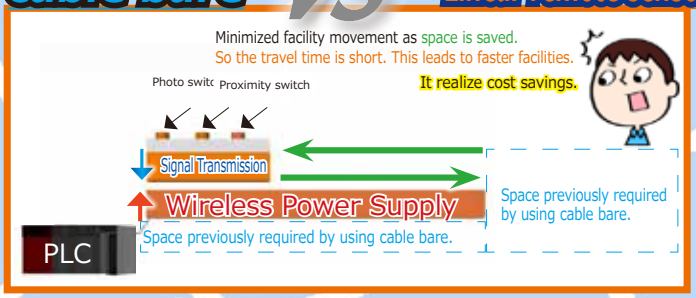
POINT 1

Liner remote sensor system can

save space! High speed!

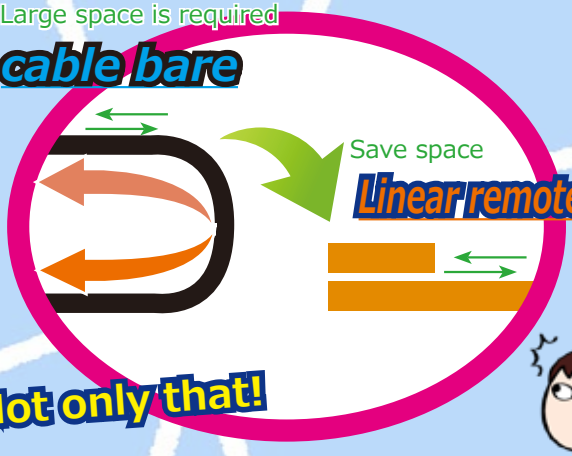


cable bare VS **Linear remote sensor**



Large space is required

cable bare



Not only that!

While moving linearly,

Wireless power supply + Signal transmission

power supply 12V200mA

8 signal transmission

Max. 8 sensors can be connected.

POINT 2

Liner remote sensor system can

solve disconnection trouble!
improve durability!
Easy to maintain!

! Goodbye to disconnection.

There are multiple cables in the cable bare. Maintenance occurred when at least one cable was broken in the cable bare.

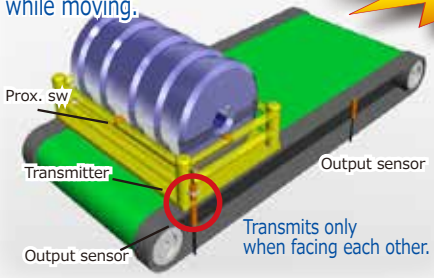
This is also a wasteful cost.

A linear remote can reduce multiple cables, You can also remove the crowding inside the cable bare.

Advantage of Linear Remote

In the case of previous remote sensor

The work can not be confimed while moving.

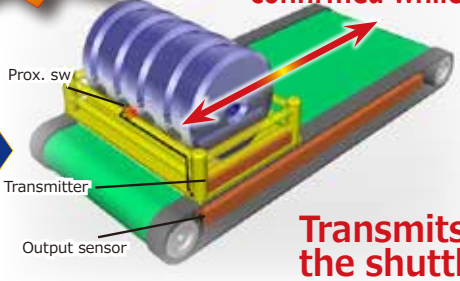


Transmits only when facing each other.

further improved!

In the case of new linear remote sensor

The work can be continuously confirmed while moving



Transmits while the shuttle moving.

Output sensor

RS08E-L02_-PU-02

Transmitter

RS08T-L01-PU-01

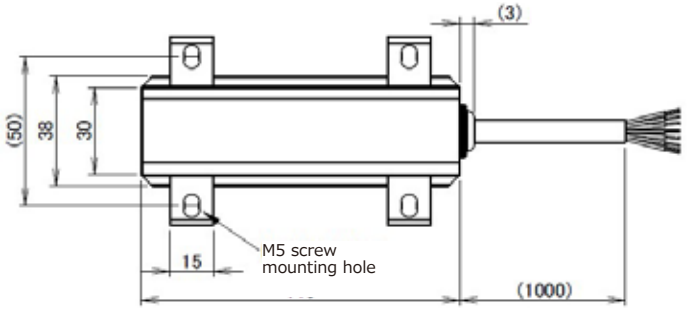
Application : Transport shuttle

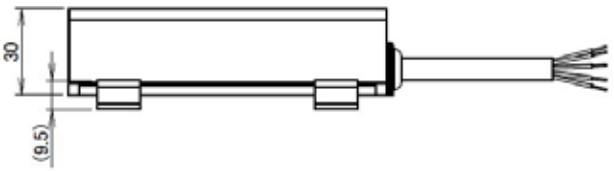
Using the present remote sensor, the signal transmisson from and power supply to the various sensors (proximity SW,photoelectric swith etc.)

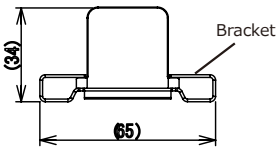
For confirming the work on the pallette can be done only when the transmitter and the output sensor are facing each other.
It has greatly contributed to improving the operation of the transport shuttle.
The function of linear remote sensor is further improved!
Power supply and signal transmission of various detection sensors can be done while moving.

Wireless power supply by B&PLUS®

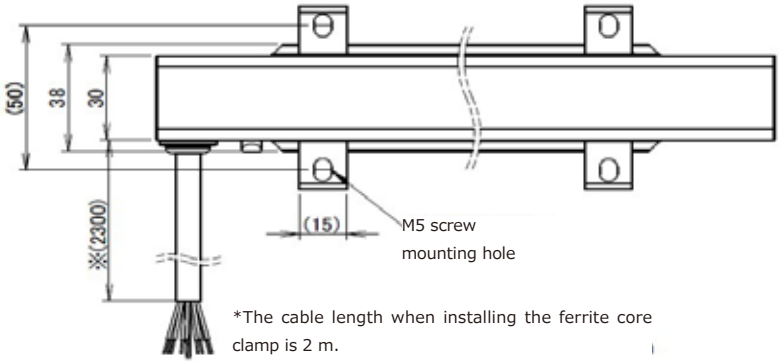
Demension Transmitter: RS08T-L01-PU-01



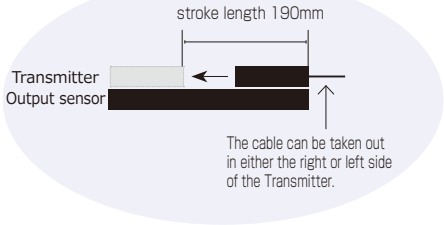


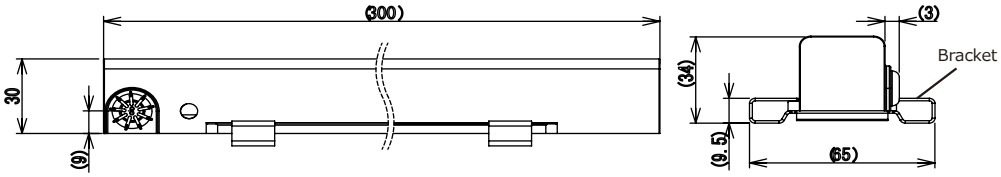


Demension Output sensor : RS08E-L02N/P-PU-02



*The cable length when installing the ferrite core clamp is 2 m.





Specification

Type	RS08T-L01-PU-_ _
Applicable sensor	DC 3-wire sensor
Drive voltage	12V ± 1.5V DC
Drive current	≦ 200mA (8signals in total)
No. of Input signals	8 signals: SI1~SI8
Rating transmission distance	0...6mm
Center offset	+3 ~− 8mm (Offset+:no cable side of the output sensor / offset-:cable side of the output sensor) *1
Operating temperature	0...+50℃
Protection class	IP67
Cable	PUR ϕ 7.7mm / 2x0.5mm² +9x0.2mm²
Case material	PUR
Weight	Body 170g + Cable 75g/m
Contained	Bracket 2pcs, screw M5 × 4pcs.

Applicable sensor

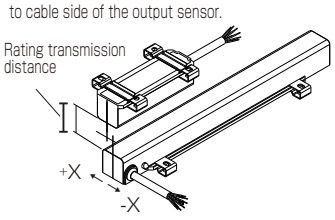
Supply voltage	12V DC ± 1.5V
Residual volutage	≦ 3.5V
Total current consumpotin	≦ 200mA*

*Total current consumption of all connected sensor.

Please use sensors that operate correctly within the conditions on the left table.

*1

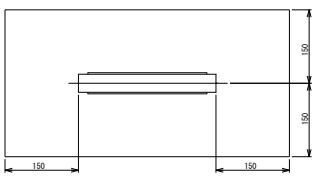
Offset+X : the direction in which the transmitter shifts to no cable side of the output sensor.
Offset-X : the direction in which the transmitter shifts to cable side of the output sensor.



Type	NPN	RS08E-L02N-PU-_ _
	PNP	RS08E-L02P-PU-_ _
Supply voltage		24V DC ± 5% (incl. ripple)
Current consumption		≦ 500mA
No. of output signal		8 (SO1...8) + 1 (InZone)
Load current		≦ 50mA/1 output
Frequency of operation		60Hz
Circuit protection		Short circuit protection , Converse protection Output surge suppression
LED indication		Yellow: Inzone (data valid)
Operating temperature		0...+50℃
Protection class		IP67
Cable		PUR, ϕ 7.7mm/2x0.5mm²+9x0.2mm²
Case material		PUR
Weight		Body575g+ Cable 75g/m+Ferrite core clamp125g
Contained		Bracket 2pcs, screw M5 X 4pcs.Ferrite core clamp 1pc. (pre-installed on delivery)

■ Parallel instration

Please do not set another output sensor within 150 mm (all directions in 3D). Also, there can be only one transmitter in the destination area.



*2 In order to satisfy the criteria of EMC (IEC 61000-4-3.Radiation Immunity), cable is turned around a ferrite clamp one turn.

■ Ferrite clamp installation image

Wireless Power Supply by
B & PLUS K.K.

Mail : b-plus-usa@b-plus-kk.com
Web : http://www.b-plus-kk.com

* Info may change the mention contents such as specifications without a notice.
Thank you for understanding
* Please refer to instruction manual or the user's guide. It can be download by HP.

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