

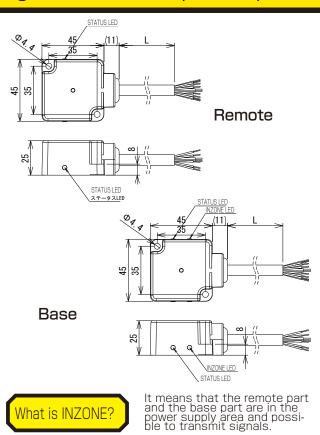
Compact type remote system ~ Various lineups

Type name	applicable sensor/ signal type	size	voltage/ current	operation distance/ center offset	frequency of operation	short circuit protection	converse protection	overheat protection	overcurrent protection	protection on facing metal	output surge sup- presison
RC04T-422PU-01 RC04E-422PU-02	for DC3W sensor /Input4+Output 4	H45xW45xD25mm	24V/1A	0~3mm / max.4mm	300Hz	•	•	•	•	•	•
RCD55T-422-CP0.3 RCD55E-422-CP0.3	for DC3W sensor /IO-Link 2ch	H45xW45xD25mm	24V/1A	0~3mm / max.4mm			•	•	•	•	
RS12TA-422-PU-01 RS12EA-422PU-02	for DC3W sensor /Input 12	H45xW45xD25mm	24V/1A	0~3mm / max.4mm	600Hz	•	•	•	•	•	•
RS12T-422PU-01 RS12E-422PU-02	for DC3W sensor /Input 12	H45xW45xD25mm	12V/230mA	2~5mm / max.3mm	60Hz	•	•				•
RS12T-422-PU-01 RS12E-422PU-02	for both DC2W and DC3W sensor/ Input12	H45xW45xD25mm	12V/150mA	2~5mm / max.3mm	60Hz	•	•				•
RVT-422-201-PU RVE-422-2-PU	Power only	H45xW45xD25mm	24V/1A				•	•	•	•	
RS12T-TF423PU-01 RS12E-TF423PU-02	for DC3W sensor /Input12 Anti-weld slag type	H50xW50xD30mm	12V/230mA	2~4mm / max.3mm	60Hz	•	•	•			•
RS12T-TF423TP-01 RS12E-TF423TP-02	for DC3W sensor /Input12 Anti-weld slag type	H50xW50xD30mm	12V/230mA	2~4mm / max.3mm	60Hz	•	•	•			•
RS24T-424-PU-01 RS24E-424PU-02	for DC3W sensor /Input 24	H55xW55xD30mm	24V/1A	0~10mm / max.8mm	300Hz	•	•	•	•	•	•

Signal transmission 4 input+ 4output DC3W + 24V1A

facing remote part and base part

interactive



Type name		Remote part	RC04T-422N(P)-PU-01				
Base part			RC04E-422N(P)-PU-02				
Drive Voltage Drive Current (Remote)			$24V \pm 1.5V DC / \le 1A$ (include output load current)				
Supply voltage	/ Current consu	mption (Base)	24V ± 5% / ≤ 1.4A				
Input	signals/type		4 (SI14)/ NPN or PNP				
прис	Load currer	nt	7mA per 1 output				
Output	signals/type		4 (S014)+1(INZONE) / NPN or PNP				
Оигрис	Load current		≤ 200mA (per loutput) *1				
Frequency of operation			300Hz				
Start-up t	ime*2		≦ 0.5s				
Operating distance			<u>O3mm</u>				
Center offcet accoring to operation distance			operation distance	center offset			
			<2mm	± 4mm			
operation	uiotarioc		23mm	± 1.5mm			
Operating temperature			0+50℃				
Protection class			<u>IP67</u>				
Protection circuit			output short circuit protection, converse protection, overheat protection overcurrent protection, output surge suppresison, overheat protection when facing metal *3				
Cable			PUR, \$\phi\$ 7.7,2x0.5 mm \(^2+9\xi0.18\text{ mm}\)\(^2\)				
Material case heat sink		PBT					
		Alminium					
Moight	Remote part		Body 110g+cable 75g × 1m				
Weight			Body 110g+cable75g × 2m				
	ing an inductive I		mA, take measures against su	rges with a diode or varistor.			

- varistor. (Refer to the User's Guide for details)
- st 2 The time from when the base and remote units are energized in the transmittable area until wireless signal transmission is possible.
- * 3 Metal protection is a function of metal heat prevention when metal opposed. Since it is not guaranteed to operate with all metals, please do not deliberately confront the metal against the communication surface.

Applicable sensor

Supply voltage	24V DC
Residual voltage	≦ 6.5V
Load current	-

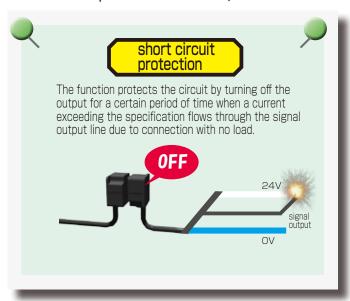
Please use sensors that operate properly within the conditions on the left table.

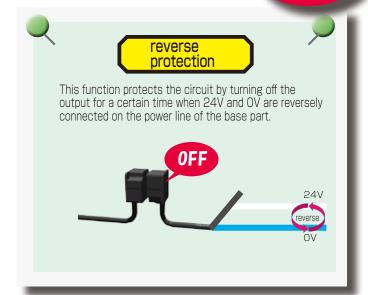
Safe and secure protection function

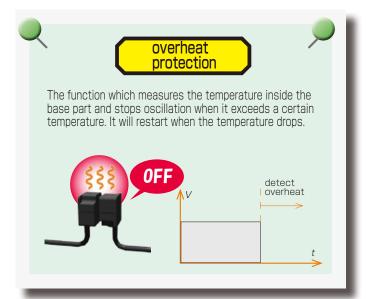
Safe

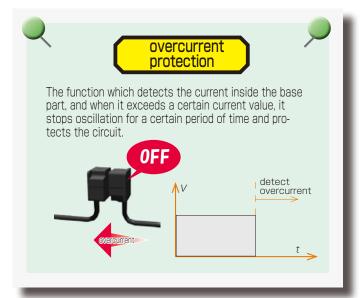
The B & PLUS compact remote is equipped with various excellent protection functions to prevent breakdowns, so it could be use safety.

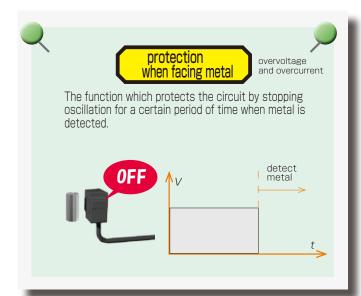
Secure

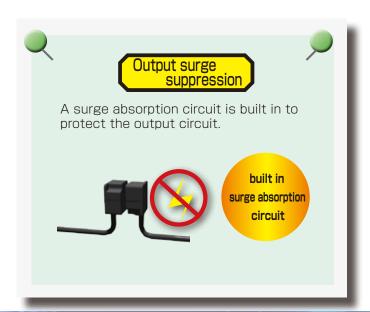












Accessories ~ blacket easy to use ~



Type name: B-PLUS-BLOP-01

Material: SUS Depth: 3mm





no rust easy to use

A more advanced production system! Easy RFID without controller

It is an RFID system for easier data writing and easier installation than conventional magnet type reader and underground embedded type glass tag.

Reader (reading system)

Type name: Z5-EA05N(P)-PU



Type name: Z5-AA01N(P)-PU_



Type name: Z5-AA03N(P)-PU_



Type name: Z5-DA01N(P)-PU_ Z3-A010-CN



Example: PU-02 = 2 m

Reader writer (Writing system)



Data carrier

Type code	Z1-FA01-128 Z1-FB01-128 IS015693CARD Z1-B011		Z1-B011-128	Z1-AA04-02K	Z1-EC02-128		
Features	Flexible	Flexible	Card	Long distance	D-2N Compatible on installation	Ceramic	
	•			1 () () () () () () () () () (0	
Applicable system	5/8/10 bit	5/8/10 bit	5/8/10 bit	5/8/10 bit	5/8/10 bit	5/8/10 bit	
Size(mm)	φ 16 x 0.9	φ 28 x 0.8	85.6 x 54 x 0.76	φ 50 x 8.3	30 x 30 x 6	φ 26 x 3.4 (Hole φ 6)	
Material	Glass fiber cloth	Glass fiber cloth	PVC	PA6	PBT	Almina ceramic	
Read distance (When non-metal)	5bit:015mm 8bit:018mm 10bit:042mm	5bit:019mm 8bit:030mm 10bit:060mm	5bit:022mm 8bit:047mm 10bit:0108mm	5bit:012mm 8bit:022mm 10bit:054mm	5bit:012mm 8bit:016mm 10bit:034mm	5bit:012mm 8bit:012mm 10bit:034mm	

Diagram (in case of 5bit)

- O Just stic Data carrier on to the model that wants to be identified.
- O Parallel output starts as ID reader approaches.
- O Simple wiring! Just connect cable to input unit.
- O Unlike the existing ID system,

controller and programming is not required.

- O Protection class IP67. Waterproof and dustproof!
- O Easy writing by ID writer.

Reading automatically Data 5bit Data carrier Output in Parallel 5bit Data 0ν 5bit ■ Data valid 0 ID reader Configuration: 5 bits (same for 8 bits)

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.