

Low cost

Inexpensive investment protects expensive dies.

Easy identification is the **8 bit system !!**



- Easy recognition of many similar types
- Easy die management
- Automation of setting up dies
- Prevention of careless mistakes
- Reducing maintenance
- Reducing a lead time

Respond to the expectations is the

B&PLUS® 8-bit system !!

LED output for valid data

Easy mounting circular cylindrical shape!
High protection from water and oil.
Protection class IP67 !!

Parallel output of 8 bit signals.
No need for read statements or complex programs.

Long distance

Compact

Catch-all battery-less ID tag

Flexible*

* Avoid IC chip internal when you bend the ID tag.
Communication distance will be shorter when it is bent the ID tag.

Connector ...

- × Poor contact
- × Dirt



Sensors ...

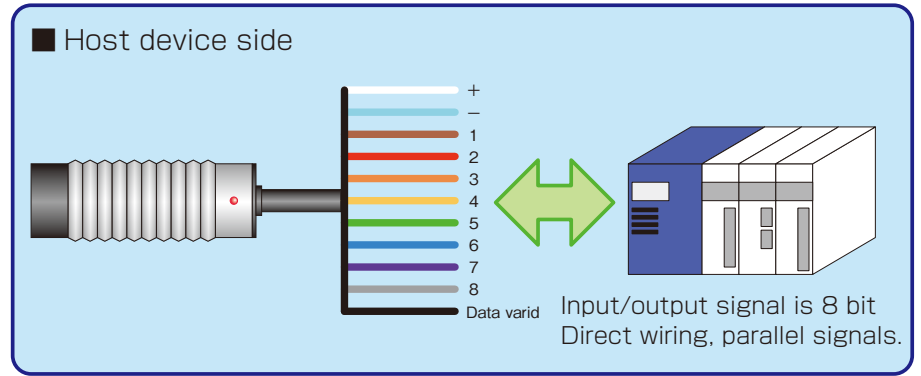
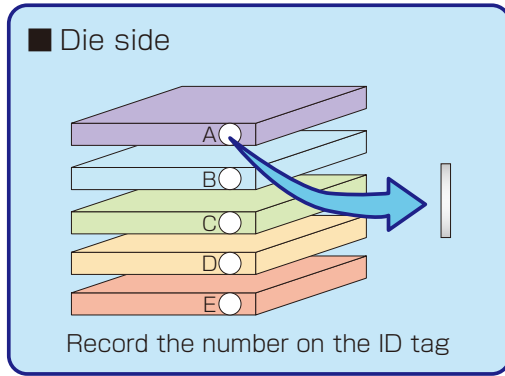
- × Space
- × Costs



8 bit system solves all !

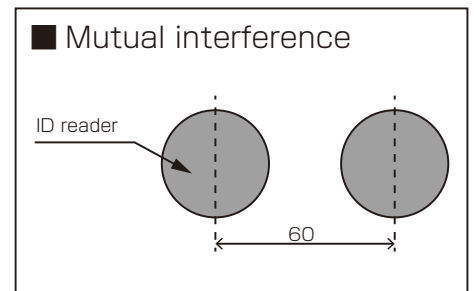
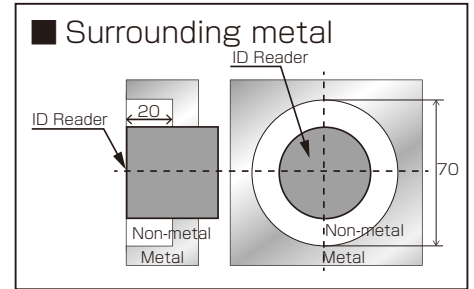
- Error proofing etc.
- Reducing a lead time
- Automate the jig exchange

Easy wiring

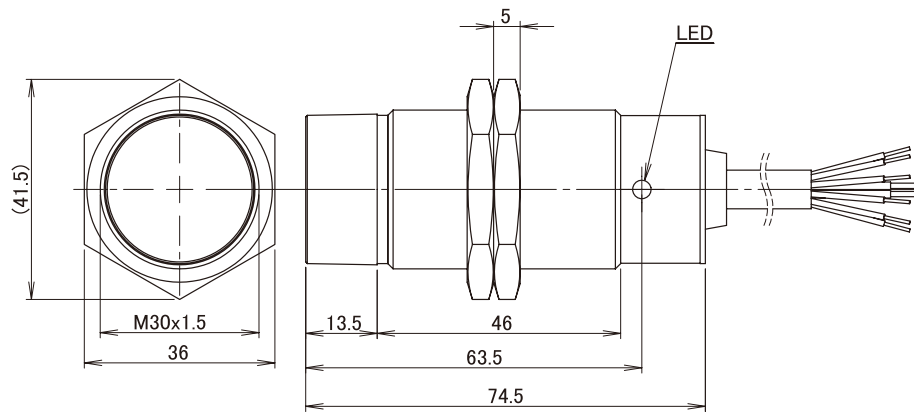


Specification

Type code NPN	Z5-AA01N-05
PNP	Z5-AA01P-05
Output signal	Parallel / 8bit

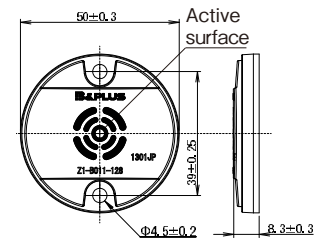
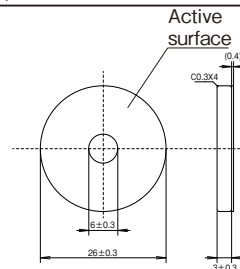
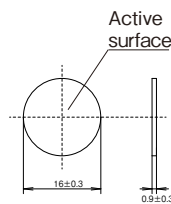
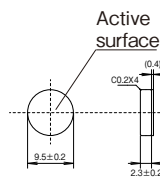


In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted sensors, keep the minimum free zone as described below.



Supply voltage	24V DC +10% -20%
Output specification	8 singals + Data valid
Current consumption	max.50mA
Operating temperature	0...+50°C
Protection class	IP67

Type code	Z1-EA02-128 *1	Z1-FA01-128 *1	Z1-EC02-128 *1	Z1-B011-128 *1
Features	Ceramic	Flexible Data carrier	Ceramic Data carrier	Long distance Data carrier
Size	φ 9.5 x 2.7	φ 16 x 0.9	φ 26 x 3.4	φ 50 x 8.3



Mounting	Z1-EA02-128 *1		Z1-FA01-128 *1		Z1-EC02-128 *1		Z1-B011-128 *1	
	Metal mounting	Non-metal mounting	Metal mounting	Non-metal mounting	Metal mounting	Non-metal mounting	Metal mounting	Non-metal mounting
communication distance	0...5.5mm	0...7mm	-	0...18mm	0...12mm	0...12mm	0...12mm	0...22mm

*1 Minimum order is 5 pcs.

■ Data writing to ID tag service is available, please contact us.

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*Specification is subject to change without notice.

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