

Surrounding metal, mutual interference around Data carrier and Reader.

When installing Data carrier and Reader, in order to avoid the surrounding metal and mutual interference, please keep area greater than or equal to value shown in below table.

Also, if the non-metallic area depends on the combination of Data carrier and Reader, please keep non-metallic area of the greater value.

Data carrier

Type code	Fig.	Non-metallic area (mm)		Fig.	Mutual interference(mm)
		A	C		D
Z1-EA02-128	1	30	0	2	60
Z1-FA01-128	1	56	20	2	60
Z1-EC02-128	1	60	0	2	60
Z1-B011-128	1	70	0 (20)	2	100

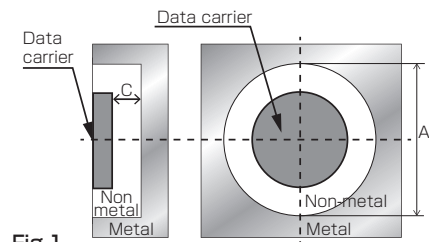


Fig.1

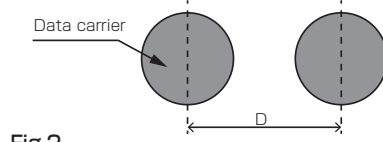


Fig.2

Reader

Type code	Fig.	Non-metallic area (mm)		Fig.	Mutual interference(mm)
		A	C		D
Z5-AA01N-PU-__	3	70	20	4	60
Z5-AA01P-PU-__					

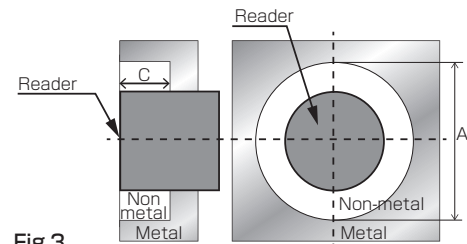


Fig.3

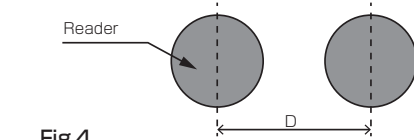


Fig.4

- "Metal mount" means directly mounted on the metal. but it refers to the absence of metal around except rear of the Data carrier.
- Value in () shows the required space to keep the communication distance as same as no-metal mounting.
- Non-metallic area A of ID Reader and Data carrier of button type should be concentric.