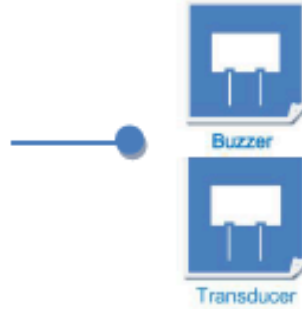


Applications guides | Metal Detector

for the acoustic components



A signal sound is emitted when metal is detected.

Metal detector is a device which responds to metal that may not be readily apparent. Metal detectors are used in the immigration, pharmaceutical, food, beverage, textile, garment, plastics, chemicals, lumber, and packaging industries.

Contamination of food by metal shards from broken processing machinery during the manufacturing process is a major safety issue in the food industry. Metal detectors for this purpose are widely used and integrated into the production line.

Current practice at garment or apparel industry plants is to apply metal detecting after the garments are completely sewn and before garments are packed to check whether there is any metal contamination (needle, broken needle, etc.) in the garments. This needs to be done for safety reasons.



Suggested Item	UDB	TDB	DB-E328
Size (mm)	∅ 12 x 7.5	∅ 12 x 9.5	∅ 13.8 x 7.5
Sound Pressure Level (dBA)	83	85	80
Product Type	Magnetic	Magnetic	Piezo
Type	Pin	Pin	Pin



Suggested Item	DBX	DB-E1108	DB-E658	DB-E548	DB-E2338
Size (mm)	∅ 12 x 9	∅ 12.6 x 6.3	∅ 14 x 6.7	∅ 30 x 10	∅ 13.8 x 6.4
Sound Pressure Level (dBA)	85	80	80	90	85
Product Type	Magnetic	Piezo	Piezo	Piezo	Piezo
Type	Pin	Pin	Pin	Pin	Pin