

Data Sheet



Waste Bin Tag

FEATURES

- Waste Bin Tag is ATEX approved and thus can be used in potentially explosive atmosphere.
- Perform in the harshest environments, including harsh chemicals, painting processes, outdoor exposure.
- Heavy-based construction provides both stability and safety.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- Waste Bin Tag enables automatic measurement of weight of waste; promoting efficiency and control.
- In-transit tracking of Waste Management Containers and Bins.
- The movement and user duration (lifespan) of the bins and containers can be monitored within the user locations.

Chip Type:	HitagS 256 bit 134.2 KHz	
	256 bits, organized in 8 pages of 4 byte each	
	Data retention of 10 years	
	Write endurance 100.000 cycles	
Mechanical:	Outer Dia.	30mm
	Thickness	15.5mm
	Material	Polyamide
	Colour	Black
	Weight	12.0 g
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	134.2 KHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP67	
Thermal:	Storage Temp.	-20°C to +70°C
	Operating Temp.	-20°C to +70°C
Part Number:	108N1-Ex	
Atex Marking details:	II 1 G, Ex ia IIC T5 Ga	
Options:	Other IC type, Size, Shape & Colour on request	
	Available with other plastic material e.g. PC/ABS	

*Preliminary Data Sheet: Certain specification subject to change.