

DATASHEET

Waste Bin Tag

Tag Code: L171171

Waste Bin Tag is developed with a rugged plastic housing to protect it from chain, dirt and other environment conditions. This makes it ideal for waste management solutions. It is available with different Chips and memory sizes.



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128 bit laser programmed ROM (64 & 96 bit option available)
	Several options of data rate and data encoding
	<ul style="list-style-type: none"> ❖ Manchester 32 & 64 RF clock per bit ❖ Biphase 32 & 64 RF clock per bit ❖ PSK 16 RF clock per bit ❖ FSK2 50RF clock per bit

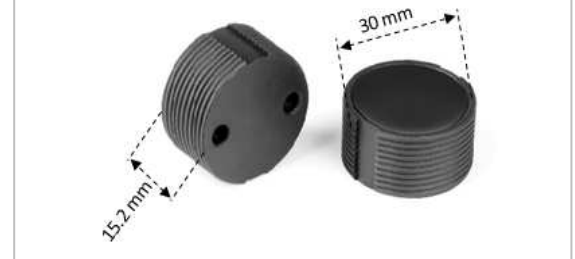
Physical / Mechanical Specification

Diameter	Ø 30 ± 0.2 mm
Height	15.2 ± 0.2 mm
Weight	13.3 gm
Encasement	Nylon (PA6)
Color	Black
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
IP Rating	IP68
Attachment	Self Threaded
Applicable surface	Plastic, Wooden

Dimensions



Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

Part No.	Description
L171171	With EM4200
L171131	With EM 4305
L17124A	With SIC 7999 HDX
L171055	With NXP HitagS 256

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