

LF Cylinder Tag

Product Code: L311171

The Cylinder tag is ideal for cylinder tracking application. These tags are designed to withstand pressure, heat & chemical reactions.



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125 KHz (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 clocks per bit❖ Bi-phase 32 & 64 RF clocks per bit❖ PSK 16 RF clocks per bit❖ FSK2 50RF clocks per bit
Read Range*	Up to 90 mm on GIS TS-RW 380 Plus Reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +120°C
Ingress protection rating	IP68
Attachment***	Rivet/Screw/Adhesive
Application Surface Materials	Metal, Plastic
Expected Lifetime	Up to 5 Years in normal operating conditions

Physical and Mechanical Specification

Dimension	38 x 22 x 09 mm
Hole Diameter	3.5 mm
Weight	4 gm
Color**	Black
Encasement	Nylon special Thermoplastic
Quality Assurance	100% reader tested

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

Order Information

L311171	With EM 4200
L311131	With EM 4305
L311055	With HitagS 256

- * Actual read range may vary depending upon the reader
- ** Other on request
- *** Available as an option at extra cost

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