

DATASHEET

Cylinder Tag

Tag Code: L311171

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



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

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

Environmental Resistance

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	Years in normal operating condition

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

Omnia Technologies Pvt. Ltd.

Corporate Office
691, Udyog Vihar Phase V, Gurugram, Haryana-122016, India, +91(124) 4203899, 4101506

Manufacturing Unit
Plot No. 68, Sector- 5, IMT Manesar, Gurugram, Haryana - 122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)