

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

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