



Cylinder Tag




FEATURES

- Cylinder Tag is ATEX approved and thus can be used in potentially explosive atmosphere
- Cylinder Tag is made with multi read/write capability, small in size, two holes on both corners for easily attachment with the help of screws/rivets.
- Having PA6 material to meet all endurance requirements in terms of heat, harsh environments.
- Specially designed to work on the metal surface of the cylinders.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).

APPLICATION

- Cylinder Tags has been designed for recording the management and identification information of the gas cylinders.
- Used for authenticating and maintaining the life cycle information of the gas cylinders.

Chip Type:	HitagS 256 bit 125 KHz	
	256 bits, organized in 16 blocks of 4 byte each	
	Data retention of 10 years	
	Write endurance 100.000 cycles	
Mechanical:	Length	40mm
	Width	11.2mm
	Hole Dia	2.8mm
	Thickness	10mm
	Material	Polyamide
	Colour	Black
	Weight	3.2 gms.
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	125 KHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP68	
Thermal:	Storage Temp.	-20°C to +70°C
	Operating Temp.	-20°C to +70°C
Part Number:	110N1-Ex	
Atex Marking details:	 II 1 G, Ex ia IIC T5 Ga	
Options:	Available with other IC type e.g. Hitag RO, EM4200 etc. on request	
	Available with adhesive tape backing.	

*Preliminary Data Sheet: Certain specification subject to change.