




## M-Prince Tag

### FEATURES

- M-Prince Tag is ATEX approved and thus can be used in potentially explosive atmosphere.
- The tag operates effectively with a very good read range, especially when attached to metal.
- Rugged construction for high durability
- Can be attached by screws with the help of two holes.
- Can also be provided with Adhesive tape for easy attachment.
- Flexible Read/Write Range (reader dependant).

### APPLICATIONS

- Used in asset tracking applications such as Equipment, Parts, Containers, railway and warehousing solutions.
- Factory automation, Automotive & Security purpose.

<b>Chip Type:</b>	<b>HitagS 256 bit 125 KHz</b>	
	256 bits, organized in 8 pages of 4 byte each	
	Data retention of 10 years	
	Write endurance 100.000 cycles	
<b>Mechanical:</b>	Dimension	90 x 34 x 7mm
	Hole Dia.	5 mm
	Material	ABS
	Colour	Blue
	Weight	21.45 g
<b>Electrical:</b>	Operating Frequency	125 KHz
	Operating mode	Passive (battery-less transponder)
<b>Ingress Protection:</b>	IP68	
<b>Thermal:</b>	Storage Temp.	-20°C to +70°C
	Operating Temp.	-20°C to +70°C
<b>Part Number:</b>	116N1-Ex	
<b>Atex Marking details:</b>	 II 1 G, Ex ia IIC T5 Ga	
<b>Options:</b>	Other IC type & Colour on request	
	Available with other plastic material e.g. PC/ABS	

\*Preliminary Data Sheet: Certain specification subject to change.