Industry Tag (20mm)

CE Ex

FEATURES

- 20mm Industry Tag is ATEX approved and thus can be used in potentially explosive atmosphere.
- The tag is very small in size & made of ABS to meet all endurance requirements in terms of heat, harsh environments and chemical resistance.
- Perform in the harshest environments, including harsh chemicals, painting processes & outdoor exposure.
- Dust & Waterproof.
- Flexible Read Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- Being used in industrial environments as well as in asset tracking applications
- It has been widely used in supply chain, service industries, distribution logistics and manufacturing companies to identify goods & objects in an industrial environment.
- Can be used to read through obstructions, including plastics, concrete and more.
- Suitable for factory floor manufacturing applications because of rugged construction (IP Rating).

Chip Type:	EM4200 128 bit 125 KHz Read only	
	128 bit memory array laser programmable	
	Several options of data rate and coding available	
	Very low power consumption	
Mechanical:	Outer Dia.	20mm
	Thickness	3.3mm
	Material	ABS
	Colour	Blue/Black
	Weight	1.25 g
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	125 KHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP67	
Thermal:	Storage Temp.	-20°C to +70°C
	Operating Temp.	-20°C to +70°C
Part Number:	103K1-Ex	
Atex Marking details:	Ex II 1 G, Ex ia IIC T5 Ga	
Options:	Other IC type, Size, Shape & Colour on request	
	Available with other plastic material e.g. PC/ABS	

*Preliminary Data Sheet: Certain specification subject to change.