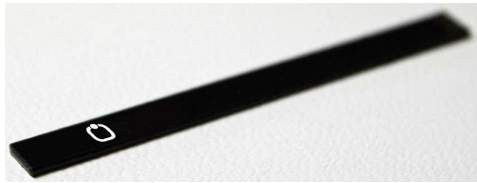




DATA SHEET



ATEX FIT210 Tag



Zone 0

Product Description		ATEX FIT210 Tag
Physical Specifications		
Encasement	Durable Ink	
Size (mm) (tolerance)	56.5 x 5.0 x 1.3mm / 2.22 x 0.20 x 0.05in	
Weight	1.0gr	
RF Specifications		
Protocol	EPC Class 1 Gen2	
Frequency Range (MHz)	866-868 (EU) , 902-928 (US)	
Read Range (Fixed reader) 1	Up to 3m (9.8ft)	
Read Range (Handheld reader) 1	Up to 1.8m (6ft)	
Material Compatibility	Optimized for Metal substrates	
IC Type (chip)	Alien H3	
Memory 2	EPC - 96bits, User - 512bits, TID - 64bits	
Environmental Specification		
Operating Temperature	-40 to +85 °C	
Long term Max Temperature 1 exposure - (days,weeks,years)	+120 °C	
Short term Max Temperature 1 exposure - (minutes,hours)	+150 °C	
IP Rating	IP68	
Shock and Vibration	MIL STD 810-F	
Impact	2kg from 1m	
Attachment	Permanent liquid adhesive (not included) Film adhesive (option) Std Foam adhesive (option) Premium Foam adhesive (option)	
Certifications	RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)	
ATEX		II 1G Ex ia IIA Ga I M1 Ex ia Ma 
Article no:		
Article no:	ATEX FIT210 Tag	
Typical Applications		
Suitable for metal environment	Offshore	
Maintenance & Service	Oil & Gas	
Industrie & Logistics	Chemical Industry	

Contact:

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