

DATA SHEET



ATEX EXO210 Tag



Zone 0

Product Description		ATEX EXO210 Tag
Physical Specifications		
Encasement	Durable Thermoplastic Material	
Size (mm) (tolerance)	62.5 x 9.4 x 3.6mm / 2.46 x 0.37 x 0.14in	
Weight	2,1gr	
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)	+105 °C	
Short term Max Temperature 1 exposure - (minutes,hours)	+105 °C	
IP Rating	IP68	
Shock and Vibration	MIL STD 810-F	
Impact	5kg from 1m	
Attachment	Industrial foam tape (std)	
Certifications	RoHS approved CE approved ATEX/IECEX certified (option) US&Canada (C1D1/D2) certified (option)	
ATEX	 <p>II 1G Ex ia IIA Ga II 2G Ex ia IIB Gb I M1 Ex ia Ma</p>	
Article no:		
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Typical Applications		
Suitable for metal environment	Offshore	
Maintenance & Service	Oil & Gas	
Industrie & Logistics	Chemical Industry	

Contact:

sales@agilllox.com
www.agilllox.com