

DATA SHEET



ATEX SOLO Tag



Zone 1

Product Description		ATEX SOLO Tag
Physical Specifications		
Encasement	High Impact PolyStyrene	
Size (mm) (tolerance)	108 x 59 x 12.5 / 4.25 x 2.32 x .49	
Weight	37gr	
RF Specifications		
Protocol	EPC Class 1 Gen2	
Frequency Range (MHz)	866-868 (EU) , 902-928 (US)	
Read Range (Fixed reader) 1	Up to 7.0 (global)	
Read Range (Handheld reader) 1	Up to 3.5 (global)	
Material Compatibility	Optimized for metal	
IC Type (chip)	Alien H3	
Memory 2	EPC - 96bits, User - 512bits, TID - 64bits	
Environmental Specification		
Operating Temperature	-40 to +65 °C	
Long term Max Temperature 1 exposure - (days,weeks,years)	+65 °C	
Short term Max Temperature 1 exposure - (minutes,hours)	+55 °C	
IP Rating	IP65	
Shock and Vibration	MIL STD 810-F	
Impact	>10kg from 1m	
Attachment	Mechanical and Foam adhesive Avery FM2333 (2 x 47x13mm strips)	
Certifications	RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)	
ATEX		II 2G Ex ia IIB Ga I M1 Ex ia Ma Class I, Div 1 Groups A, B, C, D Can also be used in ATEX/IECEx (NOT FM!) Zone 0 IIC provided it is used in a fixed installation only. To be used for FIXED INSTALLATION ONLY!
Article no:		
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Typical Applications		
Suitable for metal environment	Offshore	
Maintenance & Service	Oil & Gas	
Industrie & Logistics	Chemical Industry	

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