




## ATEX MAX HD Tag



Zone 1

Product Description		ATEX MAX HD Tag
<b>Physical Specifications</b>		
Encasement	ABS or Polycarbonate	
Size (mm) (tolerance)	140 x 66 x 14.0 (+/-1.0) / 5.51 x 2.6 x 0.55 (+/-0.04)	
Weight	79gr (ABS) 82gr (PC)	
<b>RF Specifications</b>		
Protocol	EPC Class 1 Gen2	
Frequency Range (MHz)	860-960 (global)	
Read Range (Fixed reader) 1	Up to 15.0 (global)	
Read Range (Handheld reader) 1	Up to 7.5 (global)	
Material Compatibility	Optimized for metal	
IC Type (chip)	Alien H3	
Memory 2	EPC - 96bits, User - 512bits, TID - 64bits	
<b>Environmental Specification</b>		
Operating Temperature	-40 to +85 °C	
Long term Max Temperature 1 exposure - (days,weeks,years)	+85 °C	
Short term Max Temperature 1 exposure - (minutes,hours)	+105 °C	
IP Rating	IP68 Submersion proof to 3000m depth	
Shock and Vibration	MIL STD 810-F	
Impact	>25kg from 1m	
Attachment	Manual (standard)	
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 C, D Can also be used in ATEX/IECEx (NOT FM!) Zone 0 IIC provided it is used in a fixed installation only. <b>To be used for FIXED INSTALLATION ONLY!</b>
<b>Article no:</b>		
Article no:	ATEX MAX HD Tag	
<b>Typical Applications</b>		
Suitable for metal environment	Offshore	
Maintenance & Service	Oil & Gas	
Industrie & Logistics	Chemical Industry	

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