


DATA SHEET



ATEX ULTRA Tag



Zone 1

Product Description		ATEX ULTRA Tag
Physical Specifications		
Encasement	ABS or Polycarbonate	
Size (mm) (tolerance)	210 x 110 x 21.0 (+/- 1 mm) / 8.27 x 4.33 x 0.82 (+/- 0.04 in)	
Weight	265gr (ABS) 292gr (PC)	
RF Specifications		
Protocol	EPC Class 1 Gen2	
Frequency Range (MHz)	860-960 (global)	
Read Range (Fixed reader) 1	Up to 35.0 (global)	
Read Range (Handheld reader) 1	Up to 20.0 (global)	
Material Compatibility	Metal and non-metallic substrates	
IC Type (chip)	Alien H3	
Memory 2	EPC - 96bits, User - 512bits, TID - 64bits	
Environmental Specification		
Operating Temperature	ABS: -40 to +65 °C / PC: -40 to +100 °C	
Long term Max Temperature 1 exposure - (days,weeks,years)	ABS: +65 °C PC: +100 °C	
Short term Max Temperature 1 exposure - (minutes,hours)	ABS: +75 °C PC: +120 °C	
IP Rating	IP68	
Shock and Vibration	MIL STD 810-F	
Impact	>25kg from 1m	
Attachment	Manual (standard) Standard 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 Class I, Div 1 Groups A, B, C, D To be used for FIXED INSTALLATION ONLY!
Article no:		
Article no:	ATEX ULTRA Tag	
Typical Applications		
Suitable for metal environment	Offshore	
Maintenance & Service	Oil & Gas	
Industrie & Logistics	Chemical Industry	

Contact:

sales@agilox.com
www.agilox.com