



**FENESTRAM EX13042**  
**LONG RANGE**  
**ATEX Zone 1 / 21 certified**  
**ON METAL UHF RFID TAG**  
**130 x 42 x 10 mm**  
**2 holes Ø 5 mm**  
**865...868 MHz (EU)**  
**ISO/IEC18000-6C**

<b>Product:</b>	<b>ATEX Zone 1 / 21 certified</b> <b>Rugged Long Range UHF RFID TAG for Easy Mounting on METAL by screw or rivet</b>	
<b>UHF RFID Chip Options:</b>	EPC CLASS 1 GEN 2 ALIEN Higgs-3 EPC 96 bits up to 480 bits, User Memory 512 bits, 64 bits TID	
<b>Read Range:</b>	Stationary Reader: up to 28 m Handheld Reader: up to 22 m	(Depends on RFID IC type and reader power)
<b>Frequencies:</b>	EU: 865...868 MHz	(At room temperature 20°C)
<b>Dimensions / Weight:</b>	130 x 42 x 10.5 mm, 2 holes Ø 5.3 mm	40 g
<b>ATEX Marking:</b>	Ⓢ Ⓢ Ⓢ 1282 II 2G Ex ia IIA T2 Gb Ⓢ Ⓢ Ⓢ 1282 III 2D Ex ia IIIB T2 Db	
<b>Material / Colour:</b>	PC (Polycarbonate)	Black (Blue, Green, Red, White colours on request)
<b>Protection Class:</b>	IP68	
<b>Minimum Order Quantity:</b>	1000 pieces	Minimum Production Lot: 1000 pcs
<b>Operating- / Storage-Temperature:</b>	-20°C ...+ 80°C	-30°C ...+ 100°C
<b>Certification / Other:</b>	CE	RoHS ✓
<b>Part Description:</b>	FENESTRAM-EX13042-OMT-UHF--EU	US Version on request as -US

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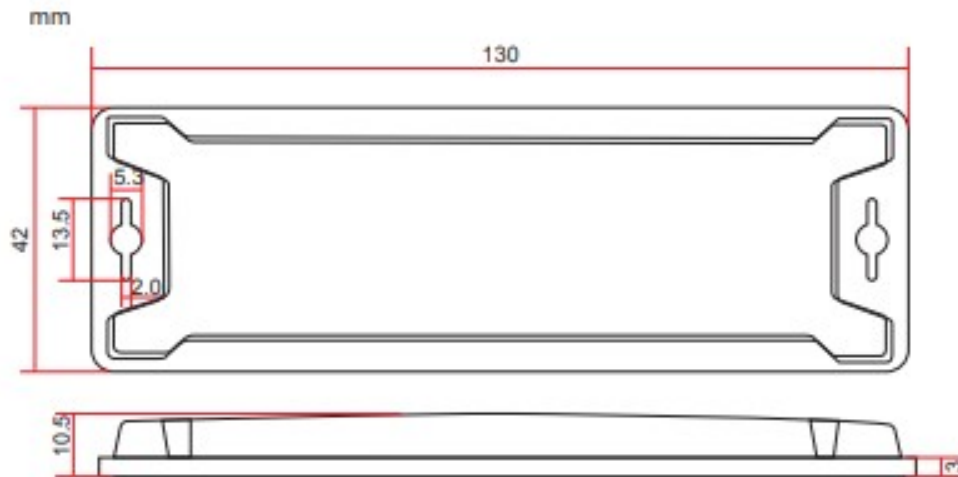
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**Dimensions:**



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#### Options:

- Other colour version available.
- Different Frequency Versions (UHF) country/region versions on request
- Customised laser printing
- Customised logo printing
- Serial Number printing
- UID Number printing
- Adhesive back sticker foil

This FENESTRAM passive (battery-less) UHF RFID transponder is used by system integrators or endusers to identify all kind of equipment in industrial harsh environment.

#### Hazardous Area Applications:

- Asset Management
- Container with hazardous content
- Flour and Grain Silo
- Industrial ID in hazardous are
- Inventory & Logistics
- Oil & Gas
- Laundry Roll Cage
- Inspection, Maintenance and Service

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