

**ATEX 34 mm ON METAL RFID TAG**

HF 13,56 MHz TID-HF-PU30RW-OM
READ WRITE, 1K BIT
ISO-IEC15693, ISO-IEC18000-3

LF 125 kHz TID-TP-PU30RO-OM / RW-OM
READ ONLY / WRITE
ISO-IEC-18000-3

UHF 860...960 MHz TID-UHF-MTP34RW-OM
CLASS 1 GEN 2 READ WRITE
ISO-IEC-18000-6



Description:	ATEX ON METAL RFID Transponder 34 mm with mounting hole HF 13,56 MHz or LF 125 kHz or UHF 860...960MHz (Read Only or Read Write)		
IC types: (other ICs on request)	HF: I-Code SLI (64 bit Read Only UID + 1024 bit Read Write) LF: EM4200 (64 bit Read Only UID), Hitag S 2K (2048 bit Read Write) UHF: Alien Higgs 3 (64 bit Read Only + 512 bit Read Write) (for more details see IC datasheets)		
Physical:	Diameter: Ø 34 mm	Thickness: 6 mm	Hole: Ø 4,5 mm
	Weight: 7 g	Material: PA6	Colors: Black, Blue, Green, Red, Yellow
TID-HF-PU-30RW-OM	Operating Frequency HF:	13,56 MHz	± 500 kHz (At room temperature 20°C)
TID-TP-PU-30RO/RW-OM	Operating Frequency LF:	125 kHz	± 6 kHz (At room temperature 20°C)
TID-UHF-MTP-34RW-OM	Operating Frequency UHF:	860...960 MHz (Special Country version is available on request*)	(At room temperature 20°C)
Thermal:	Storage Temperature:	-45°C ≤ Ta ≤ 60°C	Ingress Protection: IP68
Chemical Resistance:	Aqueous solution of salts	Unleaded gasoline, Petroleum	Mineral and vegetable oil
EX Marking:	BVS 05 ATEX E 092 Ⓢ II 2G EEx ia IIC T4 CE ⁰¹⁵⁸ Ⓢ I M2 EEx ia I Ⓢ II 2 D Ex iaD 21 T70 °C -45°C ≤ Ta ≤ 60°C		
Reading distance:	Depends on environment and application. TECTUS offers ATEX stationary * and portable readers for best reading performance.		
Other:	 Production   ATEX QS controlled. 		
Part names:	HF: TID-HF-PU30RW-OM-xx*	LF Read Only EM4200: TID-TP-PU30RO-OM-xx* LF Read Write Hitag S2048: TID-TP-PU30RW-OM-xx*	
	UHF: TID-UHF-MTP34RW-OM-xx*	Suffix xx: - = BLACK, -BL = BLUE, GR = GREEN, -RD = RED, -YL = YELLOW	

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