


Transponder for RFID Identification



RFID Ex Transponder

Individually applicable RFID transponder, which was developed particularly for mounting on metallic articles. The transponder is fixed by means of adhesives. Application e.g. on steel tanks and containers, gas bottles, milk container, garbage container. In the service range as data media for the transacted work and as falsification safe ID in the rental business of devices

Technical Data

Article number	APTS - ISO2Ex
Transponder IC Technology	HF
Resonance frequency	13,56 MHz
ISO	ISO 15693, 18000-3 Mode 1 and Mifare and NFC
IC Type	NXP SLIX, SLIX-S, NFC, My-D, TI, etc...
Memory (Read / Write)	Up to 10 kbit according to the Chip-Type
Design	durable housing, Inlay poured with two-components resin
Ex - protection class	 II 2G Ex ia IIC T6
Face material	durable housing from ABS, examined after MIL, UL certified
Size transponder	d = 30 mm, h = 7 mm
Size antenna	Inlay with 20 mm DM
Weight	7 g
Operating temperature	- 40 up to + 85 °C, for a short time > 100 °C, in the Ex range max. + 45°C
Storage temperature	recommended 20 °C + / - 5°
Protection class, water-resistant	IP 68
Colour	Blue, other colours on request (white, black, orange,..)
Application to metal	yes
Chemical resistant: yes/no	yes, test recommended
Type of mounting	stick, we recommend a glue Bostik ISR70-08, www.bostik.nl if you wish we will deliver the glue with the Tags. We establish with pleasure a contact with the company Bostik.
Printability	screen print, pad printing, laser printing
RoHS	according to EU directive 2002/95/EC
Applications	RIFD project gas bottles, milk container, garbage container
Order quantities	On request
Price	On request

Applications for these transponders

