

T-IS 8010 FDX-B TRANSPONDER

according to ISO Standard 11784



Customer benefits:

- Totally passive, no battery
- Miniaturised for animal implantation
- Permanent, 15 numeric digits code, 128 bits EEPROM
- Identification code in accordance with ISO Standard 11784
- 6 adhesive bar coded labels
- In disposal one-way syringe
- Sterilised by EtO gas
- Extremely durable



Product description:

The RFID transponder measures just 13,3 x 2,12 mm. Inside the capsule is an antenna coil and a microchip, which requires no battery and contains the indelible RFID identification code. The code cannot be manipulated and is unique worldwide. The code can always be read, independently of the position of the transponder, whether stationary or in motion.

The reader communicates with RFID transponders via low power, low frequency radio waves. The passive transponder transmits its preprogrammed unalterable code, identifying the animal at high speed and without any possibility of error, through any non-conductive material. As RFID transponders need no battery, they are extremely durable.

Example of identification number:

- CHE > CHE is the alphabetic description of the country
(in this case: Switzerland, according to ISO Standard 11784)
- 756098100110256 > 756 is the numeric description of the country +
12 digits ID code

RECOMMENDED IMPLANTATION SITES

- For dogs subcutaneous on the left side of the neck, behind the ear, lateral of the fourth to the fifth cervical vertebra
- For cats subcutaneous on the left side of the neck, behind the ear, lateral of the fourth to the fifth cervical vertebra
- For horses in the centre of the left side of the neck either intramuscular (M. rhomboideus) or in the dorsal fat



TECHNICAL DATA:

Size (L x Ø)	13,3 mm ± 0,4 x 2,12 mm ± 0,05
Weight	0,114 g
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +90°C
Passive, without battery	
Code structure	15 digits conforming to ISO Standard 11784
Working Frequency	134,2 kHz
Memory capacity	Total memory 128 bits 64 bits required for ISO Standard 11784
Reading distance	Up to 30 cm
Housing	Bio-compatible glass
Packaging	Box of 10 transponders each
Subject to change without notice	

DATAMARS' innovative RFID-based solutions are the result of 20 years of industry experience that have enabled the company to establish itself as the global market leader in the companion animal identification market. Having driven the development of ISO standards for companion animal identification, DATAMARS works with pharmaceutical companies, shelters, kennel clubs and charitable organizations to deploy its unique pet identification and reunification solution to improve the lives of companion animals around the world.

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