Glass Tag Animal ID

Overview

Frequency Band
LF 134,2 kHz

Chip
EM4305
SIC279
Other IC's on request

Hard Tag Dimensions
Ø 1.25 x 8.3 mm / 0.05 x 0.33 in
Ø 1.41 x 8.3 mm / 0.06 x 0.33 in
Ø 1.41 x 10 mm / 0.06 x 0.39 in
Ø 2.12 x 12 mm / 0.08 x 0.47 in
Ø 3.05 x 16.5 mm / 0.12 x 0.65 in
Ø 3.85 x 23 mm / 0.15 x 0,91 in
Ø 3.85 x 32 mm / 0.15 x 1.26 in

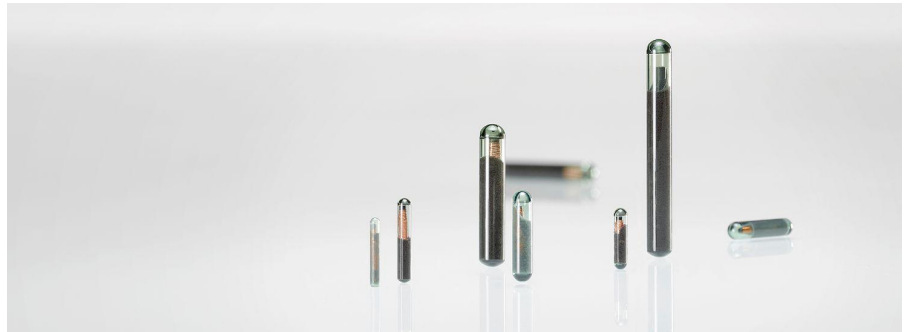**International Standard**
ISO 11784/85 FDX-A
ISO 11784/85 HDX
ISO 11784/85 FDX-B

Industry Segments
Animal Identification

High security for animal identification

Our Glass Tag Animal ID is a flexible and reliable solution for pet, livestock and fish identification, pigeon race and identification of laboratory animals. It is a flexible solution for secure animal identification that withstands most chemicals and harsh environment circumstances (Immersion IP68). The transponders are available in 134.2kHz.

The Glass Tag Animal ID is equipped with an OTP microchip. Thereby, several data rates can be programmed and data can be encoded via configuration word in EEPROM. Read and write access to EEPROM can be protected with a 32-bit password and a unique ID.

The Glass Tags Animal ID made out of biocompatible glass are manufactured in Germany under superior standards. Fully automated machines ensure constant quality on the highest possible level.

The glass transponders are suited for applications where data shall only be read from the transponder (read only) as well as for applications where data shall be written to and read from the chip (read / write mode) thus providing a high security level. Thanks to providing a unique ID, the transponders allow for easy handling with minimum effort.

All glass tags undergo a 100% test regarding optical, mechanical and electrical parameters prior to delivery thus guaranteeing highest quality standards.

Technical features

Chip	EM4305	EM4305	EM4305	EM4305	EM4305	EM4305
Total Memory	512-bit					
Product Code	704587-P	704487-P	704437-P	953006-P	953006	953007
Hard Tag Dimension	Ø 1.25 x 8.3 mm / 0.05 x 0.33 in	Ø 1.41 x 8.3 mm / 0.06 x 0.33 in	Ø 1.41 x 10 mm / 0.06 x 0.39 in	Ø 2.12 x 12 mm / 0.08 x 0.47 in	Ø 2.12 x 12 mm / 0.08 x 0.47 in	Ø 3.85 x 23 mm / 0.15 x 0.91 in
Housing Material	Glass Parylene C coating				Glass Bioglass	
Quantity / Reel	2,000 pcs / plastic bag			1,000 pcs / plastic bag		
Operating Temperature	-25 °C to 85 °C / -13 °F to 194 °F					
Storage Temperature	-40 °C to 90 °C / -40 °F to 194 °F (max. 1000h)					
Certificates	IP68 ICAR					

Chip	EM4305	SIC279	SIC279	SIC279
Total Memory	512-bit	340-bit		
Product Code	953008	780237	780217	780257
Hard Tag Dimension	Ø 3.85 x 32 mm / 0.15 x 1.26 in	Ø 3.05 x 16.5 mm / 0.12 x 0.65 in	Ø 3.85 x 23 mm / 0.15 x 0.91 in	Ø 3.85 x 32 mm / 0.15 x 1.26 in
Housing Material	Glass Bioglass			
Quantity / Reel	1,000 pcs / plastic bag			
Operating Temperature	-25 °C to 85 °C / -13 °F to 194 °F			
Storage Temperature	-25 °C to 85 °C / -13 °F to 185 °F (max. 1000h)	-40 °C to 90 °C / -40 °F to 194 °F (max. 1000h)	-25 °C to 85 °C / -13 °F to 185 °F (max. 1000h)	
Certificates	IP68	IP68 ICAR		

Contact information

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