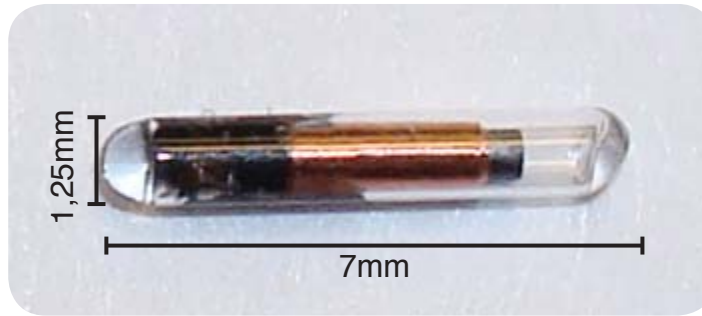




**FLORIDA RESEARCH INSTRUMENTS, INC.**

[www.floridaresearchinstruments.com](http://www.floridaresearchinstruments.com)

Cape Royal Building Suites 510-520  
1980 North Atlantic Avenue  
Cocoa Beach, FL 32931  
p -321-613-3862 f - 321-613-3863  
e - info@floridaresearchinstruments.com



**TECHNICAL SPECIFICATIONS:**

**Length:** 7mm  
**Diameter:** 1,25mm

**INJECTION NEEDLE:** ONLY 1,6mm (< 16gauge)



**ISO Compliant:** ISO standard 11784  
**Material:** BIO GLASS 8625  
**Coating:** Parylene  
**IC Type:** EM4205  
**Operating Frequency:** 134 kHz +/- 6kHz

**Chemical Resistance:** Water immersion IP68 \* 20°C, 24h  
Salt water solutions \*20°C, 100h  
Oil, HLC (10%) Alcohol \* 20°C, 100h  
Ammoniac \* 20°C, 100h

**Mechanical Resistance:** Vibration test IEC 68.2.6  
Shock IEC 68.2.29

**Temperature Resistance:** Storage: -40°C to +90°C  
Operating: -40°C to +85°C

ICAR APPROVED.