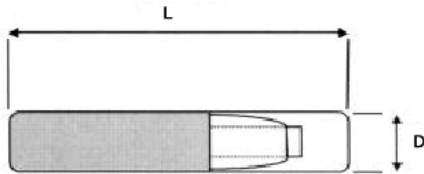


## TRANSPONDER AND COMPONENTS



### GlassTag

- Transponder read/write, read only
- miniature size
- resistant against mechanical stress
- operating -40° up to 85°C
- water proof (IP67)
- chemical resistant

#### Technical Data:

|                       |  |                                  |                |
|-----------------------|--|----------------------------------|----------------|
| Dimensions:           | read only  | read only, r/w                   | read/write     |
| D                     | 2,12 ± 0,1 mm  | 3,15 ± 0,1 mm                    | 4,12 ± 0,1 mm  |
| L                     | 12,0 ± 0,4 mm  | 13,3 ± 0,4 mm                    | 15,7 ± 0,4 mm  |
| Weight                | ca. 0,1g   | ca. 0,22g                        | ca. 0,4g       |
| Material              | Glas   |                                  |                |
| Frequency             | 131 KHz ±6 kHz   | 125 kHz±6 kHz                    | 125 kHz ±6 kHz |
| Colour                | transparent  |                                  |                |
| Transponder           | EM   | EM4102, EM4x50                   |                |
|                       | NXP  | Hitag S 32/256/2048              |                |
|                       | HID  | Unique, ISO, Titan               |                |
|                       | ISO  | 11748, 11785                     |                |
| chemical resistance   | Water proof, aqueous solution of salts, Alcohol, Oil, 10%HCL and Ammonia (100Std.) |                                  |                |
| mechanical resistance | Vibration  | 14-200 Hz, 6-1,75g (IEC 68.2.47) |                |
|                       | Compression  | axial 500 N                      |                |
|                       | Compression  | radial 500 N                     |                |
|                       | Shock  | 30g, 2 axis (IEC 68.2.6)         |                |
| Storage               | -40°C .. +90°C (1.000 Std.)  |                                  |                |
| Operating             | -40°C .. +85°C   |                                  |                |