

ID100A Transponder


TROVAN



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Why choose Trovan?

- Lifetime Warranty*
- Simple to use
- Rugged industrial device
- Hermetically sealed

Where to use Trovan?

- Large scale animal apps.
- Fluid exposure projects.
- Harsh environments
- Mount in/on metal

Technical Specification

MOUNTING: Embedded in non-ferrous materials or flush mounted in metal

LENGTH: 11.5 mm (0.45 in.)

DIAMETER: 2.12 mm (0.083 in.)

WEIGHT: 0.09 g. (0.002 oz.)

IDENTIFICATION CODE 64 bits

ENCAPSULATION Biocompatible glass

SCAN ANGLE Spherical

READING RANGE LID-500 up to 20 cm (7.5 in.)

Maximum up to 33 cm (13 in.)

TRANSMIT TIME 119ms/bit (8375 baud)

STORAGE TEMPERATURE -40°C to +140°C (-40°F to 284°F)

OPERATING TEMPERATURE -20°C to +75 °C (-4°F to 167°F)

OPERATING FREQUENCY 128 KHz

ENVIRONMENT IP68

MECHANICAL PRESSURE Axial max. 10N

Radial max. 40N

VIBRATION Random -20 - 2,000 HZ/10 g./ 1 hr. p.

Sine -20 - 2,000 HZ/5g/ 1 hr. p. axis

Presented by U.S. Pat. Nos. 5,084,699, 5,095,309, 5,198,807, 5,223,851, 5,281,855. Additional U.S and Overseas patents pending. *subject to terms and conditions

Further details from:

Trovan IDUK Ltd
Tag House
Prestongate
Hessle
East Yorkshire HU13 0RD

Telephone +44 (0)1482 222070
Fax +44 (0) 1482 327214
E-mail info@rfidsystems.co.uk