



DURADROP

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO 18000-6C
- **Frequency** 860-960 MHz (Global)
- **IC type(chip)**¹ Alien Higgs 9
- **Chip memory** 96 bits EPC; 96 bits TID, 688 bits user memory
- **Read range** handheld² Up to 4.92 ft (1.50 m)
- **Polarization** Linear



Applications

- Valves, pipes & industrial equipment
- Tools & machinery

Environmental Specifications

Temperatures



- Operational -40°C to +125°C
- Survival -40°C to +125°C

- **IP rating** IP68
- **Shock** 3 ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

¹ The chip data retention is up to 50 years, based on chip operating under general environment conditions.

² On metal.

³ The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on chemical resistance.

Physical Specifications

- **Material** Stainless steel, ceramic
- **Dimensions (in)**¹ 1.38 x 1.10
- **Dimensions (mm)**¹ 35 x 28
- **Thickness (in)**¹ 0.18
- **Thickness (mm)**¹ 4.65
- **Weight** 0.59 oz (17 g)

¹ Tolerance: +/- 0.004; +/- 0.100

Mounting Systems

- Hook, tie, rope

Industry Compliance



Order Information

DURADROP Global: X3528-GL100-H9

Customization Options

Encoding

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