

DATA SHEET



+150°C



AGX 9020 & AGX 9020M UHF High Temperature Tag

Product Description

General specifications

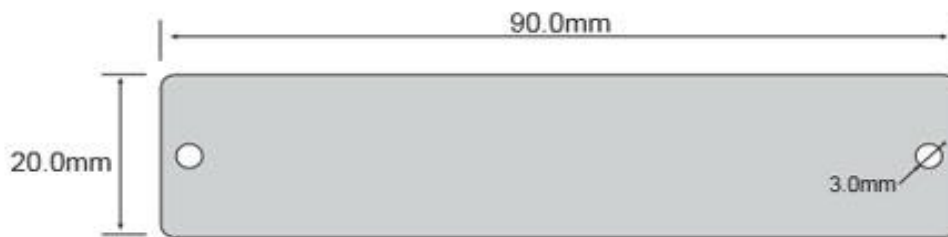
The AGX 9020 RFID Tag has an operating frequency of either 902-928 MHz (US) or 865-868 MHz (EU) and is based on the Alien Higgs-3 IC, which provides a max read range of up to 10.8 meters.

The industrial RFID tag AGX9020 is IP 68-rated, making it suitable for harsh outdoor industrial environments as well as exposure to water and contaminants.

AGX 9020 UHF tags have an operating temperature range of -40°C to +150°C, and can be attached using high-performance adhesives, via a rivet hole, or using a cable tie.

Optional this Tags available with a strong magnet to fix it easily to metal surfaces.

Dimension



Article no:

AGX 9020 & AGX 9020M

Typical Applications

- Vehicle Tracking
- Electronic Toll Collection
- Maintenance

- Trace & Track
- Supply Chain Management
- Production

- Factory automation
- Automotive & Security

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+150°C

**AGX 9020 & AGX 9020M
UHF High Temperature Tag**

Technical Specifications	AGX 9020 UHF High Temperature Tag
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	AGX 9020	AGX 9020M
Operation mode	Passive (Battery less)	Passive (Battery less)
Protocol	EPC Class 1 Gen2	EPC Class 1 Gen2
ISO Standard	ISO 18000-6C	ISO 18000-6C
Operating Frequency	865-868MHz (EU) 902-928MHz (FCC)	865-868MHz (EU) 902-928MHz (FCC)
Memory	EPC: 96 Bit (Up to 480 bits) User: 512 Bit TID: 64 Bit	EPC: 96 Bit (Up to 480 bits) User: 512 Bit TID: 64 Bit
IC Type	Alien Higgs 3	Alien Higgs 3
Programming Cycle	100,000 cycles	100,000 cycles
Mounting Methods	Adhesive, Screw	Magnet
Colours	black	black

Environmental Specifications	
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Storage Temperature	-40°C to +150°C	-30°C to +75°C
Operating Temperature	-40°C to +100°C	-30°C to +75°C
Material	FR4 (PCB)	FR4 (PCB)
Dimensions	90 x 20 x 3 mm, (Hole: D 3 mm)	90 x 20 x 5 mm, (Hole: D 3 mm)
Weight	max. 12.0 g	max. 26.0g
Ingress Protection	IP68	IP68

