RADIOFORCE

DATA SHEET

+150°C

RFO-GLV9020
UHF High Temperature Tag
Galvanik Acid resistant

Product Description

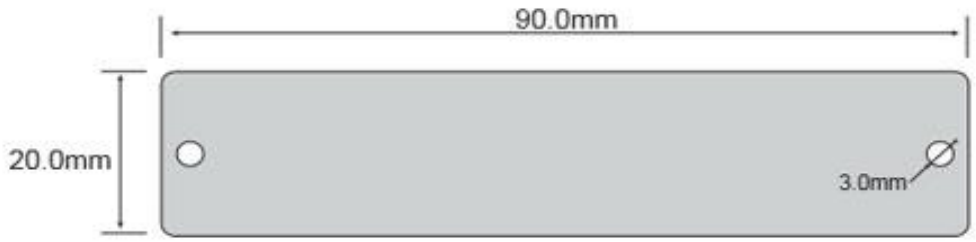
General specifications

The RFO-GLV9020 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.

RFO-GLV9020 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.

This Tag has following special feature compared to standard RFID-Tags: Its coated and is acid resistant. So it can be used in galvanic processes for example by electroplating racks.

Dimension



Article no:		**AGX 9020GLV**

Typical Applications

• Vehicle Tracking	• Trace & Track	• Factory automation
• Electronic Toll Collection	• Supply Chain Management	• Automotive & Security
• Maintanence	• Production	

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Technical Specifications	RFO-GLV9020 UHF High Temperature Tag

Operation mode	Passive (Battery less)
Protocol	EPC Class 1 Gen2
ISO Standard	ISO 18000-6C
Operating Frequency	865-868MHz (EU) 902-928MHz (FCC)
Memory	EPC: 96 Bit (Up to 480 bits) User: 512 Bit TID: 64 Bit
IC Type	Alien Higgs 3
Programming Cycle	100,000 cycles
Mounting Methods	Screw
Colours	green, blue, black (depending on coating)

Environmental Specifications	

Storage Temperature	-40°C to +150°C
Operating Temperature	-40°C to +100°C
Material	FR4 (PCB)
Dimensions	90 x 20 mm, (Hole: D 3 mm)
Weight	max. 12.0 g
Ingress Protection	IP68
Power on Tag