Transponder ATEX/IECEx

DISC TAG

PART ID:

3000-04-152-00

The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG is a general purpose product and useful in multiple industrial applications to optimize object identification in asset managment, machine marking, mobile maintenance and service and all kind of logistics applications.The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment.

Main Specifications

Material	Polyamid
Operating Temperature	-45°C to 60°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, High Durability
Options	Adhesive, Logo, Other Chips On Request

Chip Specification (Chip 152)

Chip	EM Marin - EM4200/Unique
Frequency	125 kHz (LF)
Memory	UID 64 Bit; Read only
Norm	ISO/IEC 11784/85 Compatible

Full Specifications

Product ID	3000
Atex	yes
On Metal Use	yes
Material	Polyamid
Shape	Overmolded
Long Description	The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG is a general purpose product and useful in multiple industrial applications to optimize object identification in asset managment, machine marking, mobile maintenance and service and all kind of logistics applications.The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment.
Key Features	Rough Environment, High Durability

© 2025 TECTUS Technology GmbH. All rights reserved.

The content, design, and technical data of this specification are the intellectual property of TECTUS. TECTUS reserves the right to change any information or data in this document without prior notice. TECTUS declines all responsibility for the use of products with any other specifications, but the ones mentioned above. Any additional requirement for a specific customer application must be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

Options	Adhesive, Logo, Other Chips On Request
Comments	Hole 4.5 mm, Other Color on Request, Adhesive 3M4604
Article Type	DISC TAG
Diameter [mm]	34
Thickness [mm]	6
Weight [g]	7
Hole	yes
Operating Temp °C (min)	-45
Operating Temp °C (max)	60
Storage Temp °C (min)	-45
Storage Temp °C (max)	60
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Screw/Rivet
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3000-01-152-00	D34mm,yellow	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3000-01-263-00	D34mm,yellow	HF	NTAG213	ISO/IEC 14443A & 18000-3
3000-01-266-00	D34mm,yellow	HF	NTAG216	ISO/IEC 14443A & 18000-3
3000-01-362-00	D34mm,yellow	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3000-01-264-00	D34mm,yellow	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
3000-02-152-00	D34mm,black	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3000-02-263-00	D34mm,black	HF	NTAG213	ISO/IEC 14443A & 18000-3
3000-02-266-00	D34mm,black	HF	NTAG216	ISO/IEC 14443A & 18000-3
3000-02-362-00	D34mm,black	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3000-02-264-00	D34mm,black	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
3000-03-152-00	D34mm,blue	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3000-03-263-00	D34mm,blue	HF	NTAG213	ISO/IEC 14443A & 18000-3
3000-03-266-00	D34mm,blue	HF	NTAG216	ISO/IEC 14443A & 18000-3
3000-03-362-00	D34mm,blue	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3000-03-264-00	D34mm,blue	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
3000-04-152-00	D34mm,green	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3000-04-263-00	D34mm,green	HF	NTAG213	ISO/IEC 14443A & 18000-3
3000-04-266-00	D34mm,green	HF	NTAG216	ISO/IEC 14443A & 18000-3
3000-04-362-00	D34mm,green	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3000-04-264-00	D34mm,green	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
3000-05-152-00	D34mm,red	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3000-05-263-00	D34mm,red	HF	NTAG213	ISO/IEC 14443A & 18000-3
3000-05-266-00	D34mm,red	HF	NTAG216	ISO/IEC 14443A & 18000-3
3000-05-362-00	D34mm,red	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2

© 2025 TECTUS Technology GmbH. All rights reserved.

The content, design, and technical data of this specification are the intellectual property of TECTUS. TECTUS reserves the right to change any information or data in this document without prior notice. TECTUS declines all responsibility for the use of products with any other specifications, but the ones mentioned above. Any additional requirement for a specific customer application must be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

ID	Variant	Band	Type	ISO
3000-05-264-00	D34mm,red	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3

© 2025 TECTUS Technology GmbH. All rights reserved.

The content, design, and technical data of this specification are the intellectual property of TECTUS. TECTUS reserves the right to change any information or data in this document without prior notice. TECTUS declines all responsibility for the use of products with any other specifications, but the ones mentioned above. Any additional requirement for a specific customer application must be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10