

Transponder ATEX

DISC TAG

PART ID:
3021

The ATEX Zone 1 / 21 certified 34 mm TEC PU RFID TAG is available as LF 125 kHz /134 kHz, HF 13,56 MHz and as NFC version as well. By using the centre mounting hole the transponder can be permanently affixed at the Objekt which has to be identified by means of screw or rivet. As well the mounting hole provides the possibility to use a cable tie or metal steel wire to mount the tag on valves or machine equipment in rugged hazardous area environment. Suitable stationary and portable ATEX certified LF, or HF RFID readers are in the TECTUS ATEX RFID product portfolio.



Main Specifications

Frequencies	LF HF UHF
Material	PU
Operating Temperature	-45°C to 60°C
IP Class	IP68
Compliance	RoHS & Reach
Key Features	Rough Environment, High Durability
Options	Color, Offset Print

Full Specifications

Product ID	3021
Atex	yes
On Metal Use	yes
Material	PU
Shape	Potted
Long Description	The ATEX Zone 1 / 21 certified 34 mm TEC PU RFID TAG is available as LF 125 kHz /134 kHz, HF 13,56 MHz and as NFC version as well. By using the centre mounting hole the transponder can be permanently affixed at the Objekt which has to be identified by means of screw or rivet. As well the mounting hole provides the possibility to use a cable tie or metal steel wire to mount the tag on valves or machine equipment in rugged hazardous area environment. Suitable stationary and portable ATEX certified LF, or HF RFID readers are in the TECTUS ATEX RFID product portfolio.
Key Features	Rough Environment, High Durability
Options	Color, Offset Print
Main Use	Hole 5.2mm
Article Type	DISC TAG
Diameter [mm]	34

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Thickness [mm]	8
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

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3021-01-152-00	D34mm, black	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3021-01-113-00	D34mm, black	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
3021-01-260-00	D34mm, black	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3021-01-218-00	D34mm, black	HF	SRF 55V10S	ISO/IEC 15693 & 18000-3
3021-01-263-00	D34mm, black	HF	NTAG213	ISO/IEC 14443A & 18000-3
3021-02-152-00	D34mm, red	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3021-02-113-00	D34mm, red	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
3021-02-260-00	D34mm, red	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3021-02-218-00	D34mm, red	HF	SRF 55V10S	ISO/IEC 15693 & 18000-3
3021-02-263-00	D34mm, red	HF	NTAG213	ISO/IEC 14443A & 18000-3
3021-03-152-00	D34mm, blue	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3021-03-113-00	D34mm, blue	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
3021-03-260-00	D34mm, blue	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3021-03-218-00	D34mm, blue	HF	SRF 55V10S	ISO/IEC 15693 & 18000-3
3021-03-263-00	D34mm, blue	HF	NTAG213	ISO/IEC 14443A & 18000-3
3021-04-152-00	D34mm, green	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3021-04-113-00	D34mm, green	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
3021-04-260-00	D34mm, green	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3021-04-218-00	D34mm, green	HF	SRF 55V10S	ISO/IEC 15693 & 18000-3
3021-04-263-00	D34mm, green	HF	NTAG213	ISO/IEC 14443A & 18000-3