

TECTUS

YOUR PARTNER FOR RF-IDENTIFICATION



RFID Transponders TAGs

The product portfolio includes all kind of 125 kHz and 134,2 kHz ISO11784/785 FDX-B LF TAGs (transponders) EM4100 Unique, 5557, EM4550, Hitag 1, 2 and Hitag S versions. All LF and HF TAGs are also available with ATEX approval. Furthermore HF TAGs for industrial use with 13,56 MHz according to ISO15693 (I-Code SLI SL2) and ISO 14443A (Mifare) are available in robust Polycarbonate- Polyurethane- ABS- or Epoxy- housing. Standard shapes are ISO Card, Clamshell Card, KeyFobs, DISC and Plug TAG transponders. On request other shapes and customized products also as UHF versions are possible.

RFID Readers and Software

RFID readers (LF and HF) are available as OEM modules or OEM boards and as ready for use Industrial stationary or handheld PDA readers.



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TECTUS more than components . . .

TECTUS is based in Switzerland and Germany and has a long experience in the field of RFID. The key people and founders of TECTUS started in 1991 by developing the first automotive RFID transponder used as RFID immobiliser in high volume applications.

Many years of experience combined with application know how in the RFID field provide all TECTUS customers best service and support in the following applications:

- Automotive • Animal ID • Industrial Applications • Warehouse management
- Medical applications • Access control and time management
- Electronic brand protection

Based on its own development of READER and TRANSPONDER technologies, TECTUS offers RFID components for innovative RFID solutions (including feasibility studies, application support and after sales service).



Moers, Germany

Logistics
Centre,
Electronics R&D
Competence
Centre
and PreSeries
Production
Plant



Wroclaw (Breslau), Poland



Production Plant
Electronics R&D,
RFID TAGs
and RFID Reader
Components



All TECTUS RFID TAGs products are available also as

ATEX  versions

ATEX Readers are available as well to be used in hazardous environment.

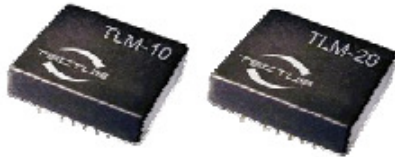
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RFID Standard Reader Portfolio



Reader Modules "Lite" 125 kHz

- TLM-10-AA 5V Read Only
- TLM-20-AA 5V Read Only
- TLM-30-AA 5V Read/Write



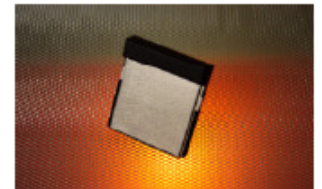
Reader Boards "Lite" 125 kHz / 13,56 MHz

- TLB-1x-AA, aircoil, TTL/RS232/RS485/USB 125 KHz
- TLB-57-AA, PCB-coil, RS232, 13,56 MHz, ISO14443/A/B (Mifare) and ISO15693 (I-code)



CF Compact Flash Readers

- TLP-10-AA Read / Write 125 kHz / 134 kHz
- TLP-11-AA Read / Write ext. antenna 125 kHz / 134 kHz
- TLP-15-AA Read / Write 13,56 MHz



Portable RFID Reader and Handheld PDA 125 kHz / 134 kHz / 13,56 MHz

- TPP-10-AA Read / Write
- TPP-12-AA/BC Read / Write combined with Barcode
- TRISP-LF and HF Read / Write



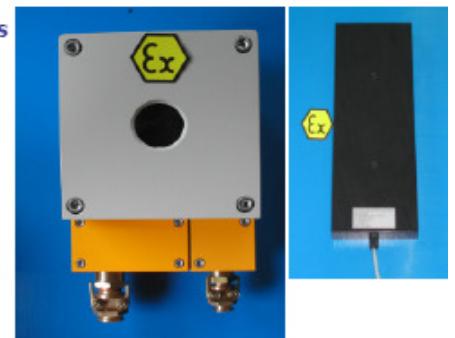
Stationary Industrial RFID Reader and Antennas 125 kHz / 134 kHz / 13,56 MHz / UHF

- TLF-22 TLF-25 and TPK-12 USB desktop Programmer
- TPF-21 Full ISO11784/785 reader Animal and BDE Waste Management standard
- TPF-31...34 Industrial Stationary 125 kHz and 134 KHz FDX-B readers
- TPF-41 125 kHz Reader for vehicle access application



Stationary and Portable ATEX RFID Reader TAGS and Antennas 125 kHz / 13,56 MHz

- TPF-35-EX Stationary ATEX 125 kHz reader
- TRISP-LF and HF ATEX Read / Write Handheld PDA



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RFID Standard Transponders for Industry & Logistics 1

(all available as  ATEX version)



LENS TAG 150 / 160 / 170
 Ø 12 mm TCY-xx-AA
 Ø 14 mm TCD-xx-AA
 Ø 16 mm TCX-15-AA
 Ø 17 mm TAZ-xx-AA
 • 410x / Unique 125 kHz /opt. R/W
 • I-Code SLI SL2 13,56 MHz



SPACE TAG
 Ø 20 mm / Ø 30 mm
TAF-xx-AA / TAG -xx-AA
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag 2, S 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz



GLASS TAG Ø 3 mm
TAD-xx-AA
 • 410x / Unique 125 kHz
 • 5555 / Q5 125 kHz
 • 4x50 / Titan 125 kHz
 • HITAG S / 2048 125 kHz
GLASS TAG Ø 2 mm
 available on request



GLASS TAGINDU Ø 4 x 22 mm
TCS-xx-AA
 • 410x / Unique 125 kHz
 • HITAG S / 256 / 2048 125 kHz
GLASS TAGINDU Ø 4 x 34 mm
 available on request



TEC Easy TAG Sticker
 Ø 20 mm / Ø 30 mm
TAI / TAX-xx-AA
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S / 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz



TEC PU TAG Ø 34 mm
TAJ-xx-AA , BDE
 • 410x / Unique 125 kHz
 • 5557 125 kHz/134kHz BDE
 • Hitag S / 2048 125 kHz
 • I-code SLI SL2 13.56 MHz



TEC PU TAG Ø 54 mm
TAK-xx-AA, BDE
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S / 2048 125 kHz
 • I-code SLI SL2 13.56 MHz



TEC PU TAG Ø 90 mm
TAL-xx-AA, BDE
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S / 2048 125 kHz
 • I-code SLI SL2 13.56 MHz



TEC PLUG Rivet TAG
TAU-xx-AA
 • 410x / Unique 125 kHz
 • 5555 / Q5 125 kHz
 • 4x50 / Titan 125 kHz
 • Hitag S / 2048 125 kHz



TEC PLUG DISC TAG
TAV-xx-AA, BDE
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S / 2048 125 kHz
 • I-code SLI SL2 13.56 MHz

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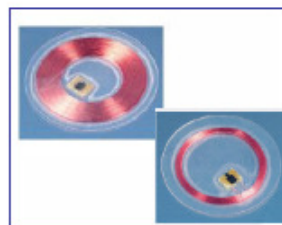
MORE THAN COMPONENTS...

RFID Standard Transponders for Industry & Logistics 2

(all available as  ATEX version)



BLACK DISC EPOXY
 Ø 20, 25, 30 mm
TBV/TBW/TBX-xx-AA
 • 410x / Unique 125 kHz
 • 5557 / Hitag S 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz



TRANSPET DISC
 Ø 20, 25, 30 mm
TBP/TBZ/TCB-xx-AA
 • 410x / Unique 125 kHz
 • 5557, Hitag S 256 /2048
 • I-Code SLI SL2 13,56 MHz
 • Mifare 1K 13,56 MHz



WHITE DISC
 Ø 20, 25, 30 mm
TBD/TBE/TBF-xx-AA
 • 410x / Unique 125 kHz
 • 5557 / 125 kHz
 • Mifare 1K / 13,56 MHz
 • I-Code SLI SL2 13,56 MHz



TEC PLUG 21 mm
TCM-xx-AA, BDE
 • 410x / Unique 125 kHz
 • Hitag S 2048 125 kHz
 • Titan EM 4x50 125 kHz
 • BDE EM4105 134,2 kHz
 • BDE HDX 134,2 kHz



SQUARE LABEL TAG
 32 x 32 mm and 50 x 50 mm
TBG / TBH-xx-AA
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz



TEC PLUG M30 with Thread
TAT-xx-AA, BDE
 • 410x / Unique 125 kHz
 • 5557 / OTP 125 kHz/134 kHz
 • Hitag S 256 /2048 125 kHz
 • I-CODE SLI SL2 13.56 MHz



ROBUST DISC Ø 50 x 3 mm
TDA-xx-AA
 • 410x / Unique 125 kHz
 • Hitag 1 125 kHz
 • Hitag S 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz
 • Mifare 1K 13,56 MHz



T-SCREW TAG
on request
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S 256 /2048 125 kHz
 • I-CODE SLI SL2 13.56 MHz



CLAMP TAG Ø 30 mm
TDB-xx-AA
 • 410x / Unique 125 kHz
 • Hitag S 2048 125 kHz
 • I-Code SLI SL2 13,56 MHz
 • Mifare 1K 13,56 MHz



TEC PU VEHICLE TAG
on request
 • 410x / Unique 125 kHz
 • 5557 125 kHz
 • Hitag S256 /2048 125 kHz
 • UHF
 • 13,56 MHz

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RFID Standard Transponders for Security & Access 1

(all available as  ATEX version)



ISO Card TAA-xx-AA

- 410x / Unique 125 kHz
- 5557 / Q5 125 kHz
- 4x50 / Titan 125 kHz
- Hitag 1, 2, HITAG S 125 kHz
- MIFARE Standard 13.56 MHz

Note: Also available with magstripe **TAB-xx-AA**



DUO COMBI ISO Card TAA-22-AA

- 410x / Unique 125 kHz
- + Mifare 1K 13,56 MHz
- other 125 kHz on request

Note: Also available with magstripe **TAB-22-AA**



TEC FOB TAE-xx-AA

- 410x / Unique 125 kHz
- 5557 / 125 kHz
- Hitag S256 /2048
- Mifare 1K / 13,56 MHz
- I-Code SLI SL2 13,56 MHz



WRISTBAND TBT-xx-AA

- 410x / Unique 125 kHz
- 5557 125 kHz
- Hitag 1, 2, S 2048 125 kHz
- MIFARE Standard 13.56 MHz



BLUE WING KEYFOB TAN-xx-AA

- 410x / Unique 125 kHz
- 5557 125 kHz
- Hitag 1, 2, S 2048 125 kHz
- MIFARE Standard 13.56 MHz



TEAR KEYFOB TBU-xx-AA

- 410x / Unique 125 kHz
- 5557 125 kHz/134kHz BDE
- Mifare 1K 13.56 MHz



UNIVERSAL KEYFOB TBJ-xx-AA

- 410x / Unique 125 kHz
- 5557 125 kHz
- Hitag S 2048 125 kHz
- I-Code SLI SL2 13,56 MHz
- Mifare 1K 13,56 MHz



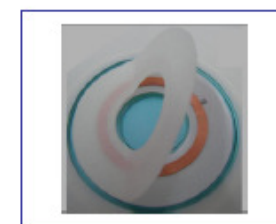
EPOXY KEYFOB TCP-xx-AA

- 410x / Unique 125 kHz
- 5557 125 kHz
- Hitag 1, 2, S 2048 125 kHz
- MIFARE Standard 13.56 MHz



KEYHOLDER TAY-xx-AA

- 410x / Unique 131 kHz
- Hitag S 2048 125 kHz
- Titan EM4x50 125 kHz
- NOVA EM4166 131 kHz



WHITE STICKER Ø 35 mm with Ø 16 mm center hole TBO-xx-AA

- 410x / Unique 125 kHz
- MIFARE Standard 13.56 MHz

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