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Transponder Technology GmbH

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13,56 MHz Midrange Reader / Writer

Industrial Read / Write Device

13.56 MHz Industrial Midrange Reader / Writer SIR-2710

- 13.56 MHz RFID reader/writer for industrial mid range applications
- reading/writing of 13.56 MHz EM4034, EM4035, EM4135, ISO15693-2, and ISO18000-3 labels or transponders
- reading distance up to 70 cm with external antenna SAT-A40-LR-0-13MHz and use of a RFID card/label of ISO-card size
- anticollision: simultaneous reading/writing of many labels/transponders in the antenna field(s)
- RS232, USB and Ethernet interface
- software update possible (Flash memory)
- tested by EN 300 330; EN 301 489-1,-3; EN 60950; EN 50364 (in combination with scemtec antennas SAT-A4-LR-X-13MHz and SAT-A40-LR-O-13MHz)

Technical Data

Dimensions:	(l x w x h) (185 x 130 x 44) mm
Power supply:	12 Volt / =DC , +/_ 1 Volt , +/- 5% noise-ripple
Current consumption:	< 800 mA @ 12V/=DC & 1.4 Watt Rf (< 150 mA stand-by)
Transmission frequency:	13.56 MHz
Reader output power	up to 1.4 W @ 50 Ohm load
Antenna-Connector:	BNC-connector
Interface:	RS232 , USB 2.0 , Ethernet
Housing:	Aluminium / IP 20
Operating temperature:	-10°C to +60°C

For details of supported transponder modes and functions, please refer to scemtec STX – ETX protocol specification

Order Information:

The packing unit contains one SIR-2710 system including power converter (230 V/AC power converter to 12 V/DC), certifications (in preparation), demo software and documentation.

SIR-2710 **Order-No.: 220.2710**

Specifications are subject to change without notice

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