

TAG Transceiver RS232, type 6727-71

- RFID system in accordance with ISO 15693 (RFID = Radio Frequency Identification).
- The TAG antenna, type 6727-105, combined with the TAG Transceiver, type 6727-71, transmits data in a contactless way from/to the RFID Transponder (TAG) via inductive coupling.



Description

Combined with the TAG Transceiver, type 6727-71, the TAG Antenna, type 6727-105, transmits - via an electromagnetic field - data on a RFID Transponder (TAG) placed nearby, and can also read data from it.

Integrated into the data acquisition system MAK, data are written and read in an absolutely reliable and safe way with protocols and safety mechanisms in accordance with ISO 15693 standards, e.g. checksums.

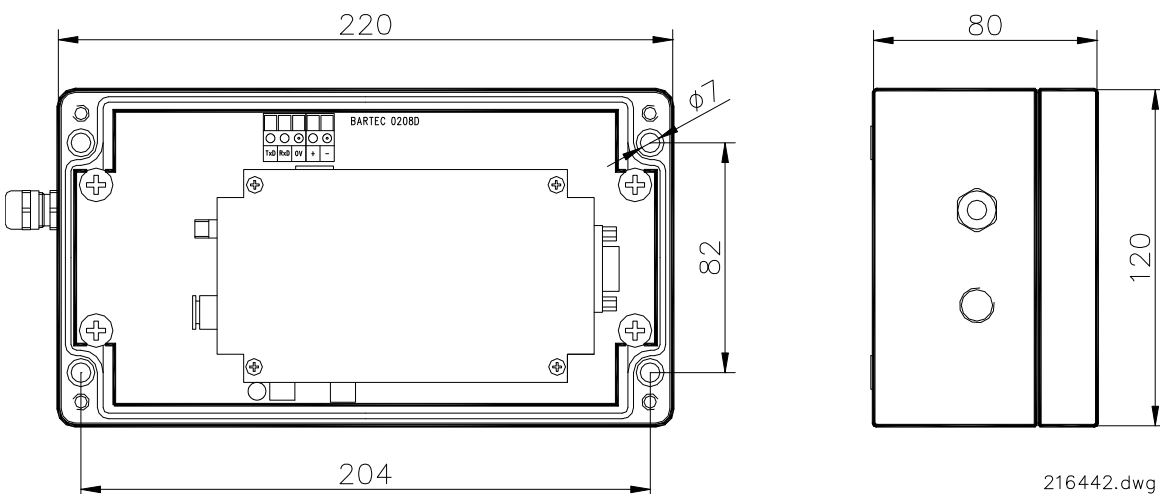
Properties

- Anti-collision function
- Multi-TAG-Reader for ISO-15693-TAGs
- CE approval
- Simple connection via RS 232 interface
- Simple connection and supply of external TAG antenna
- Robust and splash water-proof casing
- Simple and stable mounting

Application

Write and read data on RFID-Transponder in accordance with ISO 15693 in combination with 6727-105.

Application in mobile (e.g. milk collecting trucks) or stationary systems.

Technical data	
Device-specific data	
Operating frequency	13,56 MHz
Transmission power	0,5 W
Supported transponders	ISO-15693 TAGs
Electrical data	
Auxiliary energy	DC 24V 0,5 A
Connection type	Supply voltage and RS232 interface via 5 terminals Max. wire cross-section 1.5 mm ² Connection of external antenna type 6727-105 via SMA connector
Antenna impedance	50 Ohm
Interfaces	RS232, 9600 Baud
Cable entry	2 x PG 7
Ambient conditions	
Operating temperature	- 25 ... 50 °C
Storage temperature	- 25 ... 70 °C
Climatic class	HWD in accordance with DIN 40040
Mechanische Daten	
Dimensions (length x width x height)	220 x 120 x 80
Mounting holes	see mounting drawing
Weight	approx. 1,5 kg
Casing material	Aluminium diecast, surface painted blue
	
Ordering details	
Designation	Order number
TAG-Transceiver RS232, type 6727-71	216442