



TSG60 – The Gigahertz - Reader

Proximity access control components by deister electronic have gained worldwide recognition for their superior performance and wide range of compatible products.

The innovative and exceptionally compact transSpeed® products have especially been developed for the vehicle and object identification in the 865-928 MHz UHF and 2.45 GHz Microwave range.



TSG60

The TSG60 is a long range reader which was especially developed for applications where identification up to 8m is required. Due to the high speed detection and the ability to mount the transponder directly onto metal surfaces make this system ideal for vehicle and container identification.

The stylish design makes this reader an eye-catcher for every entrance.

In combination with our AVC-Controller the customer has the chance to control a barrier or a light at the parking gate.

Your benefits at a glance

- **Service friendly**
- **Adjustable reading range**
- **High-Speed reading**
- **Long range reading**
- **Rugged**
- **Anti-collision**
- **Option to control barriers and lights**

Technical Data

Dimensions (mm):	295 x 170 x 76
Housing material:	ABS/PMMA, ALUMINIUM, V2A
Power consumption:	10...30V/DC • 300mA
Operating frequency:	2,45 GHz -3,8 MHz...+3,7 MHz
Electrical protection:	Reverse polarity and transient protection
Protection type:	IP 65
Operating temperature:	-20°C to +60°C
Reading distance:	up to 8 m
Interfaces:	Open Collector, RS485
Protocol:	Wiegand, Data/Clock, Magstripe, optional RS232/485
Data formats:	1-64 Bit programmable unique ID number
Connection:	12-pin screw terminal connector
Storing temperature:	-40°C to +60°C
Max. object-speed:	> 100 km/h
Transponder types:	TPG 5001-5072
Anti-collision:	Identification of several transponders in the reading field