

**tranSpeed®**

**Vehicle identification systems and components**

Fast, reliable and accurate long range automatic vehicle or driver identification eliminates traffic queues at entrances and exits providing positive identification in all weathers. Ideal for parking, traffic management and hands-free driver access or to control restricted traffic in city centres and airports. The technology can also be applied to railways and toll roads. tranSpeed seamlessly integrates to other control systems using standard interfaces or can operate as standalone solution. Wide choices of transponders are available including rugged tags, self-adhesive windscreen labels and cards.



**deBus converter**

The DBC converter was specifically developed to convert the universal deBus protocol to any synchronous or asynchronous customer protocol desired. The deBus protocol is integrated in most deister electronic products; consequently, customers are able to continue working with their own interfaces and protocols while they are also able to take advantage of the entire palette of reader products from deister electronics.

The DBC is also able to decode smartframe-encoded transponder data. Customized and industrial protocols as well as standard access control protocol formats can be supported on the output side to the access control system. Two control inputs make it possible to deploy presence loops; this ensures the reading process is triggered only when a vehicle is standing in the right position.

**Your benefits at a glance:**

- **Easy installation through rail mounting**
- **RS485 reader interface to extend cable distances**
- **Trigger input for vehicle detection**
- **Isolated relay output guarantees control of barriers and traffic lights, for example**
- **Converts any customer protocol**

**Technical data**

<b>Dimensions WxHxD:</b>	70 x 90 x 70 mm
<b>Protection class:</b>	IP20
<b>Mounting:</b>	DIN rail mounting
<b>Operating temperature:</b>	+5...+50°C
<b>Relative humidity:</b>	5...95%, non-condensing
<b>Power requirement:</b>	12...24 VDC / 40 mA
<b>Controller interfaces:</b>	RS485 RS232 Open Collector
<b>Controller protocols:</b>	Wiegand Data/ Clock Magstripe Customized
<b>Reader interface:</b>	RS485 with deBus protocol
<b>Inputs:</b>	2 x digital
<b>Output:</b>	Isolated relay output 30 V / 1 A