



## Technical data **SICMA-Flex / MINI-Flex**

<b>Technology</b>	LED / SMD-LED
<b>LED Colour</b>	amber / yellow
<b>Viewing Angle</b>	<b>SICMA-Flex:</b> horizontal 130° / vertical 60° <b>MINI-Flex:</b> horizontal 120° / vertical 120°
<b>Resolutions</b>	<b>SICMA-Flex:</b> high: 8, 16 wide: 84, 112 <b>MINI-Flex:</b> high: 8, 16 wide: 96, 128 (Font size 48mm, 80 mm)
<b>Operating voltage</b>	<b>SICMA-Flex:</b> 24 V-DC (16,8 - 32 V) max. 2 A <b>MINI-Flex:</b> 12 or 24 V DC (9 V-32 V) max. 1 A
<b>Power consumption</b>	<b>SICMA-Flex:</b> max. 2 A <b>MINI-Flex:</b> max. 1 - 2 A (depending on resolution and brightness)
<b>Operating temperature / Storage temperature</b>	<b>SICMA-Flex:</b> - 40 °C to +80 °C / - 40 °C to +100 °C <b>MINI-Flex:</b> - 40 °C to +100 °C / - 40 °C to +100 °C
<b>Lifetime</b>	approx. 100 000 hours (depending on temperature and current)
<b>Interfaces</b>	- <b>superordinate data bus:</b> VDV300 (IBIS), Ethernet, RS232, (optional CAN) - <b>subordinate data bus:</b> LAWO-MONO, RS485/422
<b>Editing software</b>	TED®plus
<b>Update of operating data</b>	<b>manually</b> with PC-Card (PCMCIA - SRAM or Flash) <b>automatically</b> via Ethernet-Interface (WLAN, FTP service)* *optional
<b>Standards</b>	<b>EMC</b> ECE-R10 (EMC-Bus) <b>Flammability</b> Regulation ECE-R118

**Space-saving, compact design, easy assembly**

**Attractive, stable housing, painted in line with the vehicle**

**Self-sufficient operation thanks to integrated control unit**

**First-class LED technology with outstanding legibility**

**Low power consumption**

**Scrolling in many different flows, speeds and modes possible**

**Easy programming via TED®plus software (Windows PC)**

**PCMCIA card slot to load the data**

**Integrated master-slave bus (LAWO MONO bus) to control the on-board system**

**Automatic brightness regulation, depending on the prevailing light conditions**