



## Technical data CRYSTAL-Prisma

Technology	LCD; transfective, negative LED-Backlight
Color	yellow against a dark background, Full-colour (other colors available on request)
Angle of reflection	<b>horizontal</b> 60° / <b>vertical</b> 170°
Resolution	<b>high:</b> 13 - 32 <b>wide:</b> 28 - 216 (other resolutions available on request)
Operating voltage	24 V-DC (16,8 - 32 V-DC)
Power consumption	Display and electronics approx. ca. 0,3 A Illumination depending on size 1 - 12 A
Operating/storage temperature	- 40 °C to +85 °C / - 40 °C to +85 °C
Service life	approx. 100 000 hours (depending on temperature and amperage)
Interfaces	- <b>superordinate data bus:</b> VDV300 (IBIS), Ethernet, RS232, (optional CAN) - <b>subordinate data bus:</b> LAWO-MONO, RS485/422
Software	TED <sup>®</sup> plus (MS-operating systems WIN95 - WIN XP, WIN Vista)
Loading of operating data	- <b>manually</b> with PC-Card (PCMCIA - SRAM or Flash) - <b>automatically</b> via Ethernet-Interface (WLAN, FTP service)*      *optional
Standards and directives	VDV 300 (IBIS)

**Bus:** EMC      **Directive** 2006/28/EG

**Type approval number:**  
e1\*72/245\*2006/28\*5212\*00

**e1**  
035212

**Regulation ECE-R10**  
**Approval number:**

**E1** 10 R - 025212

Burning Behavior      **Directive** 95/28/EG

**Train:**      EN 50155

EMC      EN 50121-3.2  
Fire      DIN 5510

