

DESTINATION DISPLAY BENEFIT COLOR

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Full color with excellent readability
- Light aluminum housing
- Sensor-controlled brightness adjustment



THE LIST OF BENEFITS IS LONG

Combining outstanding functionality with durability, the Benefit display has a lot to offer – and for a long time. At the top of this product's list of features is the pane of glass, which expands the viewing angle, improves the active text format and protects the LEDs from external influences.

The Solar Control layer reflects heat radiation, preventing excessive temperatures behind the pane of glass and considerably increasing the durability of the LEDs. And in order to improve the optical properties, the LEDs are kept in the shade line-by-line by slats when there is direct sunlight. Moreover, Benefit offers all the features to be expected of a modern LED display for rail operation: energy efficiency, compatibility with all interfaces and protocols, simple installation and programming.

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TECHNICAL DATA

Line-Number Display	
Technology	SMD-LED
Color Depth	Full-color (RGB)
Active Display Area	171 mm x 279 mm
Resolution	19 pixels x 32 pixels
Pitch	8.2 mm (h), 8.7 mm (v)
Brightness (without front window)	2800 cd/m2
Viewing Angle (ohne Frontscheibe)	60° (h), 60° (v)
Addressing	External
Text Display	
Technology	SMD-LED
Color Depth	Amber or white
Active Display Area	171 mm x 859.5 mm
Resolution	26 pixels x 144 pixels
Pitch	6 mm
Brightness	5000 cd/m2
Viewing Angle	120°
Addressing	External, selectable through bridges in the mating connector
Software	
Applications	InfoTED, TEDplus
Update	Via USB or Ethernet (FDP)
Electrical Properties	
Operating Voltage	24 VDC or 110 VDC
Power Consumption	85 W (max)
Interfaces	
CPC (7 pin)	1 x
Ethernet	2x (M12 Connector, Daisy Chain, Fail Safe)
Mechanical Properties	
Weight	9.4 kg
Environment	
Operating Temperature	-25 °C to +70°C (T3)
Storage Temperature	-25 °C to +70°C
MTBF	80'000 h
Standards	
DIN EN 45545-2 (x)	Compliant
DIN EN 50121-3-2 (x)	Compliant
DIN EN 50155 (x)	Compliant
TSI (x)	Compliant

Disclaimer

Features and specifications are subject to change without notice. Properties relating to the Goods contained in this document do not constitute the product specifications but typical values for purposes of description only. February 2023