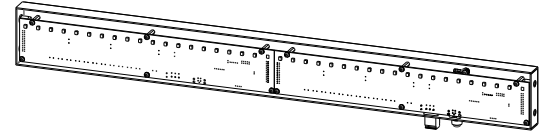


DLM100A

Information LED Panel for Rolling Stock

- RGB LED
- 40 pixels in 1 row
- Ethernet
- Power supply 24 V DC / 36 V DC
- Designed in accordance with EN 50155



TECHNICAL DATA

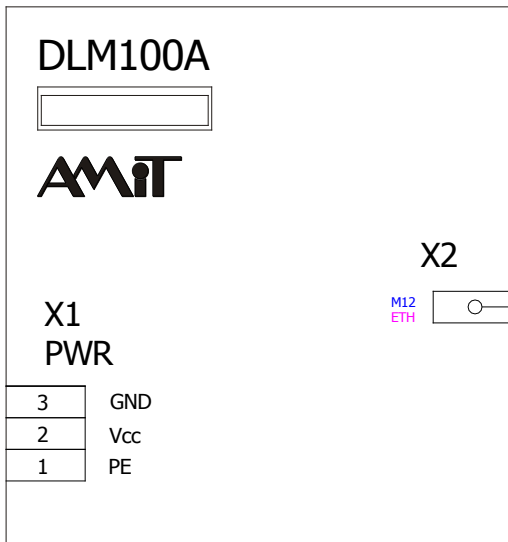
LED area	700 mm
Resolution	40 pixels in 1 row
LED pitch	17.8 mm
LED colour	RGB
Brightness	Min. 0.6 cd / 1 diode
Viewing angle	120 ° *)
Light sensor	1 ×
Function	Measuring of ambient light
Ethernet interface	1 ×
Transmission rate	10/100 Mbps
Connection point	Connector M12 D-coded
Power supply	16.8 V to 50.4 V DC
Nominal power supply voltage	24 V DC / 36 V DC
Power consumption	0.2 A at 24 V DC
Connection point	WAGO231-303/102-000
Miscellaneous	
Mechanics	Open frame with back metal cover
Covering	IP00
Colour of mechanics	Black fine matte RAL 9005
Mounting	4 × M6 nut on the sides
Operating temperature range	-40 °C to 70 °C
Storage temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 %, non-condensing
Weight	1.42 kg
Dimensions (w × h × d)	(720 × 98 × 27) mm
Expected MTBF	> 150 000 h

*) Decline in brightness from the line of observation angle to 50 %.

ORDERING INFORMATION

DLM100A	Information LED panel with power connector counterpart, routine test protocol, Insulation test protocol, Certificate of product quality and completeness
----------------	--

DRAWING SYMBOL



TERMINALS ASSIGNMENT

Connector	PIN	Signal	Description
X1 PWR	1	PE	Unit frame
	2	Vcc	Power supply, +24 V
	3	GND	Power supply, GND

Connector	PIN	Signal	Description
X2 ETH	1	Tx+	Data transmission, signal +
	2	Rx+	Data reception, signal +
	3	Tx-	Data transmission, signal -
	4	Rx-	Data reception, signal -
	Shield	Shield	Unit frame

PANEL DIMENSIONS AND CONNECTORS LOCATION

PWR and Ethernet connectors are located on the rear side of panel. All dimensions are in mm.

