

# Technical Data GUI610

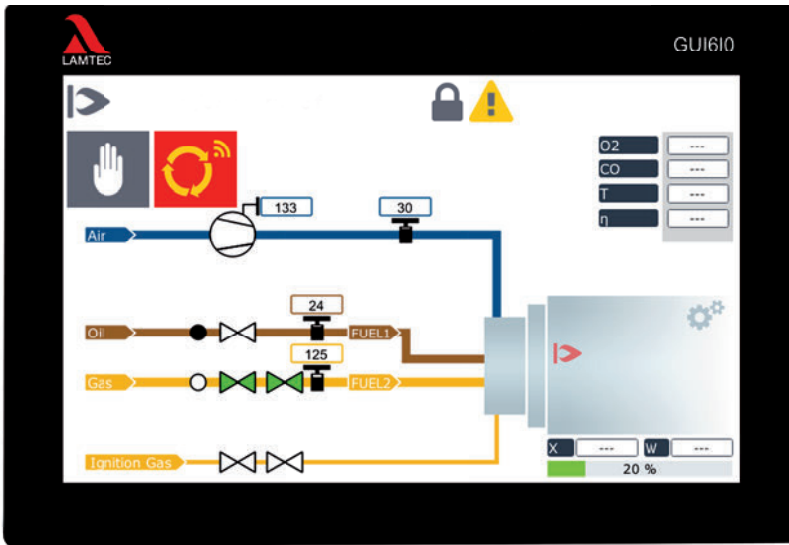


Fig. 1 GUI610

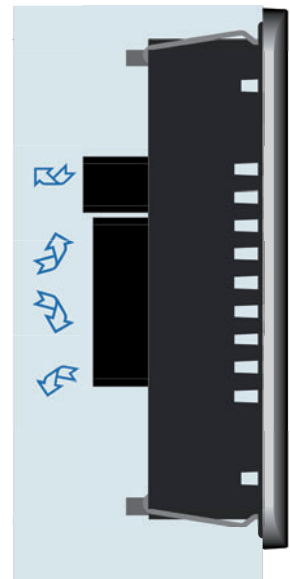


Fig. 2 Ensure unobstructed air circulation! >20 mm / 0.79" in

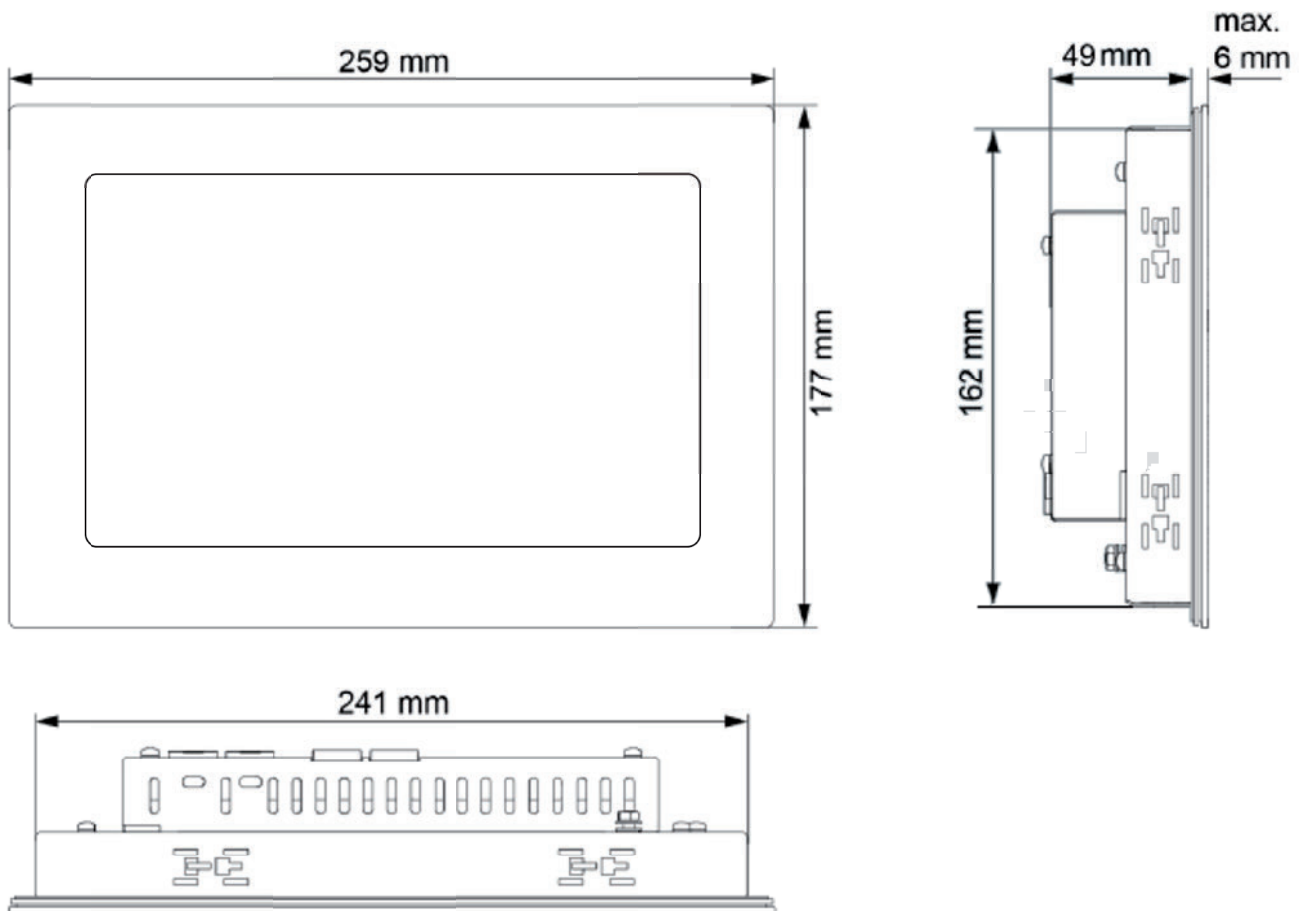


Fig. 3 GUI610 mounting dimensions in mm



# Technical Data GUI610

## X1 Power supply inputs PIN 9-12

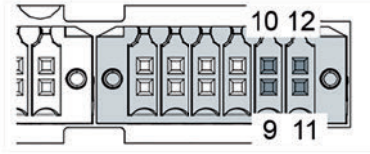


Fig. 6 GUI610 X1 PIN assignment

PIN 9 and 12: L+ 24 V Power supply 24 VDC (−15 %/+20 %)  
 PIN 11: GND

Technical Data GUI610	
Dimensions (H × W × D)	259 x 177 x 55 mm   10.19 x 6.96 x 2.16" in
Weight	2.5 kg   5.51 lb
Installation	integrated locking tabs
Supply	24 VDC -15/+20 % SELV max. AC voltage component 5 % with inverse-polarity protection
Power consumption	
Module electronics current consumption	type. 0.8 A, max 1.2 A with +24 VDC
Display diagonal/resolution	10,1"-Display, 1280 x 800 (WXGA)
Touch screen type	capacitive (multitouch)
Colours	TFT: 16.7 M (24 bits/pixel)
CPU	800 MHz ARM® CPU with Cortex™-A9 single Core
RAM/flash/non-volatile memory	512 MB RAM/2048 MB Flash/100 kB FRAM
Communication interfaces	2 x Ethernet, 10/100 Base, RJ45
Flammability	

Environmental conditions		
<b>Operation</b>	permitted temperature range	0 ... +55 °C   32 ... 131 °F (condensation prohibited)
	permitted humidity	max. 85 %, non-condensing
<b>Transport/Storage</b>	permitted temperature range	-20 ... +70 °C   -4 ... 158 °F (condensation prohibited)
	permitted humidity	max. 85 %, non-condensing
<b>Degree of protection</b>	DIN EN 60529	IP20 IP44 front
<b>Protection class</b>	DIN EN 60529	III
<b>Electrical safety</b>	insulation resistance	EN 61131-2
	insensitivity to interference	EN 61131-2
	emitted interference	EN 55011 class B, group 1
<b>Mechanical safety</b>	vibration	sinusoidal (EN 90068-2-6) Test: Fc; 10 - 150 Hz, 1 G (operating mode)
	shock resistance	15 G (approx. 150 m/s <sup>2</sup>   492.13 ft/s <sup>2</sup> ), duration 10 ms, semi-sinusoidal (EN 6068-2-27) Test: Ea

# Technical Data GUI610

## Certification

CE	EN 61131-2
CB Scheme	IEC 61010-2-201

## NOTICE

The limits of the technical data must be strictly adhered to.

## Order Information

### Display modules GUI610

#### Description/Type

GUI610 Graphical display module 10", 24 VDC, panel installation  
Touch panel with graphic menus for convenient curve programming, extended parameter setting and all system queries

#### Order no.

668R1002

## Approvals



The information in this publication is subject to technical changes.



### LAMTEC Meß- und Regeltechnik für Feuerungen GmbH & Co. KG

Josef-Reiert-Straße 26

D-69190 Walldorf

Telefon: +49 (0) 6227 6052-0

Telefax: +49 (0) 6227 6052-57

[info@lamtec.de](mailto:info@lamtec.de)

[www.lamtec.de](http://www.lamtec.de)

