

## VL-705 STYLE

HMI / Control panel with 5" TFT, multitouch capacitive glass touchscreen, resolution 800x480 Pixel; expanded temperature range -20°-+60°C

Part nr.: 11842

Interfaces:

2x Ethernet, 1x USB Host (2.0), 1x serial (RS-232/RS-422/RS-485), 1x SD card, 1x expansion slot  
 supply voltage: 24V DC



The **VL-705 STYLE** is the smallest control panel from the premium STYLE series with capacitive glass touchscreen (multitouch) and a huge amount of interfaces for automation:

2x **Ethernet** 10/100, 1x **USB** Host (2.0) and a combined **serial Interface** (RS-232/RS-422/RS-485), 1x SD card and 1 expansion slot.

The glass touchscreen and the bright 5" TFT with 64K colours allow to realise high-class user interfaces.

The software **jMobile Studio** (not included in delivery, has to be ordered separately) is used to create the visualisation and provides the following essential options:

- Full vector graphic support. Native support of SVG graphic objects, transparency and alpha blending
- Data display in numerical, text, bargraph, analog gauges and graphic image formats
- Rich HMI features: data acquisition and logging, trend presentation, alarm handling, scheduler and timed actions
- User management
- E-mail
- RSS feeds
- Wide selection of communication drivers available with multiple-driver communication capability
- On-line and off-line simulation with JMobile Studio
- Rich gallery of objects and symbols

The following chart represents the most important features of the device. Please see the users guide for further information.

### Display

Type	TFT
Resolution	800x480 WVGA
Active display area	5" diagonal
Colors	64K
Backlight	Yes, LED
Brightness	300 Cd/ m <sup>2</sup> typ.
Dimmable	Yes

### System resources

CPU	ARM Cortex A8 1 GHz
Operating system	LINUX RT
RAM	512 MB
Flash	4 GB
Real Time Clock	Yes
RTC backup	Yes, rechargeable battery
Buzzer	Yes

### User interfaces

Touchscreen	Yes
Type	Glass, (capacitive) multitouch

### Interfaces

Ethernet	2x 10/100 MBit
USB	1x Host V2.0, max. 500 mA
Serial	1x RS-232/RS-422/RS-485, software configurable
SD card	Yes, 1x
Expansion slot	Yes, 1x

### Power supply

Supply voltage	24V DC (10..32V DC)
Power consumption	0.6A max. @ 24V DC
Fuse	Yes, resettable fuse

### Environmental conditions

Operating temperature	-20°..+60°C (vertical installation)
Storage temperature	-20°..+70°C
Humidity	5..85% rel. humidity, non condensing
Protection class	Front: IP66 Rear: IP20

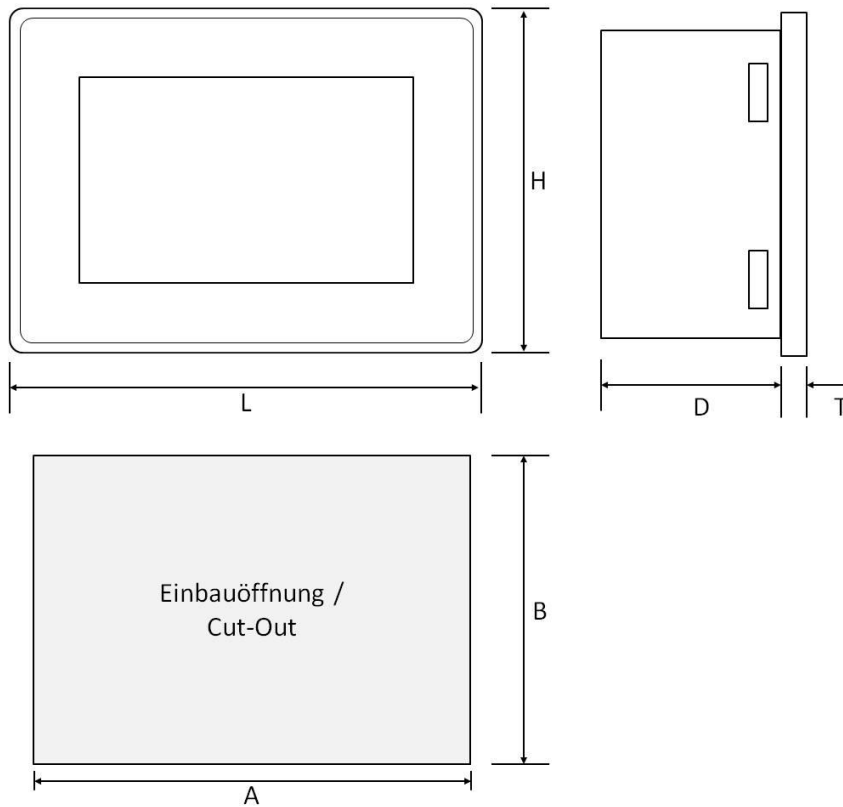
### Dimensions and weight

Faceplate (LxH)	147 x107 mm
Cutout (AxB)	136 x 96 mm
Depth (Housing + front) (D+T)	56 mm + 8 mm
Weight	1.0 Kg

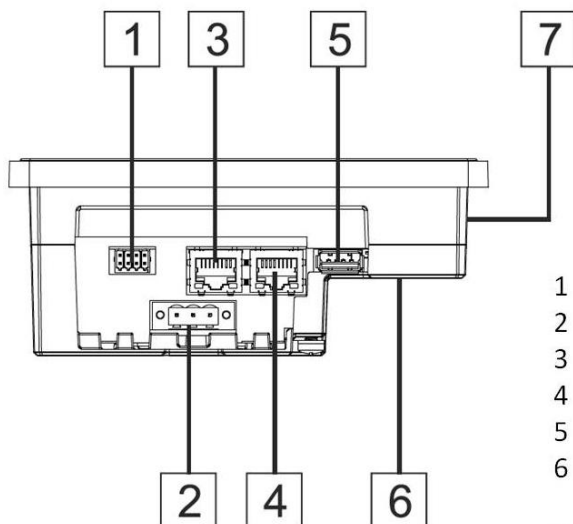
### Approvals

CE	Emission EN 61000-6-4 Immunity EN 61000-6-2, for installation in industrial environments
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## Dimensions



## Connections



- 1 Serieller Port / serial port
- 2 Versorgung / Power supply
- 3 Ethernet/LAN 1
- 4 Ethernet/LAN 2
- 5 USB Host (2.0)
- 6 Erweiterungs-Steckplatz /Expansion slot for plug-in modules
- 7 SD Kartenslot / SD Card slot

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**Ordering information**

Article text	Part number	Description
VL-705 STYLE	11842	MultiTouch HMI with 5" TFT, widescreen, WVGA 800x480 pixel, 64K colours, LED backlight, dimmable, 4 GB Flash, 512 MB RAM, ARM Cortex-A8 Single Core 1 GHz, Linux RT, 2x Ethernet ports 10/100, 1x USB Host (2.0), 1x serial, 1x SD slot, 24V DC, 0.6A, front IP66, rear IP20, glass surface, ambient temperature: expanded -20°C bis +60°C With jMobile runtime and EnOcean Modbus driver Dimensions: front 147x107 mm, cutout 136x96 mm Device hardware identical with EXOR eX705

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