

DATA SHEET

GK7000

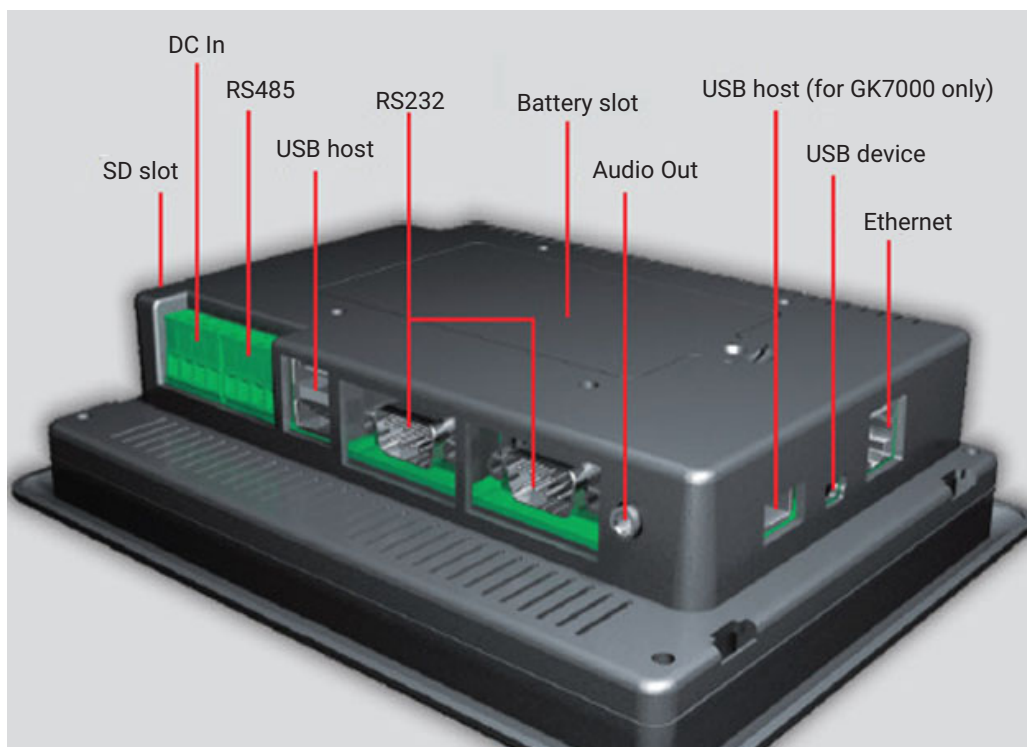
External display and control unit for process controllers MP85 series

SPECIAL FEATURES

- Display and storage of joining, press-fitting and testing processes
- Graphic presentation of all measured values and press-fit curves with OK/NOK decision and statistics feature
- Parameterization and control of the MP85A/DP/PN amplifier series via Ethernet interface
- No fan, maintenance free, low installation depth
- Mobile operation via optional rechargeable battery



PORTS AND FUNCTIONS

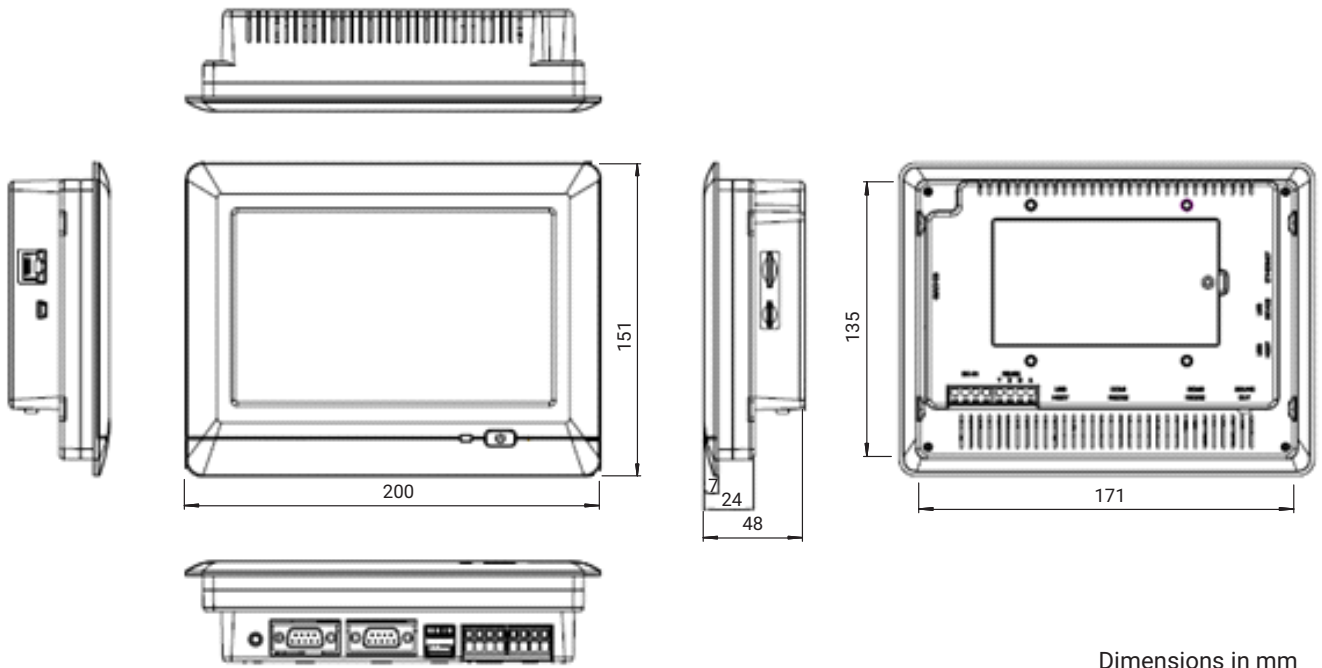


SPECIFICATIONS

Type		GK7000
Display		7" TFT color screen
Resolution	Pixels	800 x 480 (260000 colors)
Active screen area (w x h)	mm	150 x 90
Front panel		Plexiglas
Operation		Touchscreen software interface
User levels of EASYmonitorCE software		Password protection is available for certain setting dialogs
Dialog of EASYmonitorCE software (languages)		Switch between English, German and French
Supply voltage	V _{DC}	10 ... 24
Power consumption, max.	W	8
Electrical connection		Screw terminal (4-pin) for power supply and RS485
Processor		ARM9 32-bit 400 MHz
Memory		64 MB flash, 128 MB SDRAM
Operating system		OS: Windows CE6.0 EVC & Net Framework 2.0
Interfaces		10/100 MBit Ethernet; 3 x USB host 1.1 USB I/F (ActivSync) 1x RS485 + 1 x RS232 SD card slot (up to 4 GB card) Audio output Internal speaker Keyboard and mouse support
Vibration resistance 10 ... 55 Hz, duration 30 min, deflection 1 mm	m/s ²	60
Impact		Device packaged, dropped from height of 80 cm
Nominal (rated) temperature range	°C	0 ... +50
Storage temperature range	°C	-20 ... +70
Rel. air humidity, max.	%	90 (non-condensing), at +70°C
Dimensions	mm	200 x 151 x 48 (W x H x D)
Installation		4 fastening brackets
Cutout in panel frame	mm	171 x 135 (W x H)
IP rating		IP52 on front, IP20 on back
Weight, approx.	g	550 without battery, 610 with battery
EMC conformity		In accordance with EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003 EN61000-3-2+A1:2009+A2:2009 and EN61000-3-3:2008 In accordance with EN 55022:2006+A1:2007, EN 55024:1998+A1:2001+A2:2003 EN 61000-3-2+A1:2009+A2:2009 and EN 61000-3-3:2008

HBK's EASYmonitorCE software is pre-installed on the device and launches automatically on startup. The display and control unit (terminal) allows easy graphic presentation and simple parameterization of the MP85 amplifier series. The display terminal is operated using the touchscreen software interface.

DIMENSIONS GK7000



Dimensions in mm

OPTIONS

Internal rechargeable battery



WiFi USB stick



Hottinger Brüel & Kjaer GmbH

Im Tiefen See 45 · 64293 Darmstadt · Germany
Tel. +49 6151 803-0 · Fax +49 6151 803-9100
www.hbkworld.com · info@hbkworld.com

Subject to modifications. All product descriptions are for general information only. They are not to be understood as a guarantee of quality or durability.