



# HBG 10

## Handheld Operator Terminal

- Illuminated LCD-Display, 16 x 21 or 8 x 16 characters
- 35 markable key, 3-fold usable
- 2 enable keys
- Emergency stop switch
- High protection class IP65
  
- Connection to PLC, CNC (e.g. Siemens S7)
- Interfaces:
  - RS232, RS422
  - Profibus-DP
  - MPI
  - CAN-Bus (in preparation)
  
- Options:
  - 3-stage enable key (with panic function)
  - Hand wheel

**Symmetrical design**  
for right- and  
left-handed users



## Summary

The HBG10 is a rugged operating and display unit, especially for industrial application with PLC, CNC, handling machines and roboter controls.

The symmetrical housing is suitable left-handed as well as right-handed operators. The rugged housing is made of polyamide, impact resistant and resistant against water, various alcohols, oil, grease as well as against salty condensates. Protection class is IP 65.

The connection is made via a bayonet nut connector. The 35 inscribable keys give a tactile feedback. With the use of the shift-key up to 103 different functions are feasible. As standard, the HBG10 is delivered with emergency-stop and two enable keys.

The large illuminated grafical display is delivered with two character heights in standard model.

### Options:

- Hand-wheel for sensitive positioning
- 3-stage enable key with panic function, conform to safety category 4

### Accessories:

- Wallholder WH 10
- cable with assembled connector, length: 5 and 10 m

## Technical Data:

Display	LCD, illuminated, 16x21 or 8x16 characters
Keys	35 with tactile acknowledgment, 3-fold usage
Key labeling	via insertion labels
Voltage supply	24 Vdc $\pm$ 20 % 150mA
Connector	Banyonet nut rapid coonector
Interfaces	
Profibus-DP	Optional
RS232	Optional
RS422	Standard
MPI-Bus	Optional
CANopen	in preparation
Protection class	IP65
Protection class	III (according to EN50178)
Emission	compliant to EN50081-2
Interference	compliant to EN50082-2
Operating temperature	0 - 50 °C (32° - 122 °F)
Dimensions	300 x140 x90 mm (HxWxD) (11,8 x 5,5 x 3,5 inch)
Weigth. ca.	850 g (30 oz)

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