

PDC/JDC/MDC-Terminal GD5000

The data collection terminals of the GD product family were specially developed for Industrial and Offices environments.

Their high specification sets gbo datacomp firmly as a market leader regarding functionality, design and ergonomics.

The „high-tech“ concept of the PDC/JDC/MDC data acquisition terminals in the GD5000 group is made possible with multiple communication options (RS-485, TCP/IP, radio, InterNet, etc.) also the choice of auto-id options (RFID) and barcode.

6 serial interfaces, 16 digital inputs, 2 relay outputs, as well as 6 programmable, capacitive function keys, with a high class 4-line LCD display guarantees exceptional performance.

The keyboard is of the highest specification, foil with tactile pad. It delivers instant feedback to the user.

Integration into processes or other systems is done via the extensive interface options, and the digital inputs and outputs. Additional function keys offer even more flexibility than the GD 4000 terminal.

The GD5000 terminals are therefore the ideal basis for system integration in the context of your MES oriented process management.



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hand-out by:

PDC/JDC/MDC-Terminal GD5000

Technical Information

Processor	-	Highspeed
Programme Memory	-	2 mb flash
Data memory	-	2 mb sram
Display type	-	LCD alphanumeric 4 line, 20 character, 9 mm high with LED-Backlight
Keypad	-	Large, distinct, tactile with instant feedback; 6 capacitive keys - 10 numerical keys - 6 + 20 function keys
Power details	-	9 volt 10 watt - 9 to 27 volt extern, optional - 96 to 250 volt 50/60 hz, optional - Lithium battery backup for time - Optional extended buffer for one hours
Operating temperature	-	0° to +45° C
Protection rating	-	IP 54
Communication	-	RS232, RS-485, Ethernet 10/100 mbit - Optional modem comms, optional radio comms
Auto-ID	-	RS232, RS-485, TTL - RFID Fixcode transponder reader - Options for RFID Hitag®, RFID Legic®, RFID Mifare® readers
Modem	-	Options for analogue modem or GSM-Modem
Machine Signal Inputs	-	16 potential free inputs 24 vdc - Both polarity switchable - 3 configurable production quantity
Outputs	-	2 switch relays, 24 volt, max 1 ampere
Machine interface	-	Optional expansion with RS485 to Ethernet
Housing	-	Aluminium
Dimensions(H x W x D)	-	320 x 215 x 90 mm
Weight	-	2,4 kg