

The KPD-TS05M-10 is a low-cost HMI device with touchscreen interface and 5.6" monochrome graphic display. The compact size and the 1/4 VGA resolution make it the optimal solution for a tight budget compromising quality and performance.

## Features

- 5.6" monochrome display with white LED backlight
- 1/4 VGA (320x240 pixel) resolution
- Resistive touchscreen
- CANopen option for connection to Baldor's Mint controllers
- 32 MB user memory



The KPD-TS05M-10 panel is part of Baldor's range of touchscreen panels. All of the touchscreen products share a rich common set of functionalities:

- Powerful and intuitive programming with the Designer 6 software
- Optional CANopen module
- Dual-driver communication capability
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Analog gauge objects
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection.
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer using the Ethernet connection.
- Eight level password protection.
- Report printing to serial printer. Reports are freely configurable using Designer.

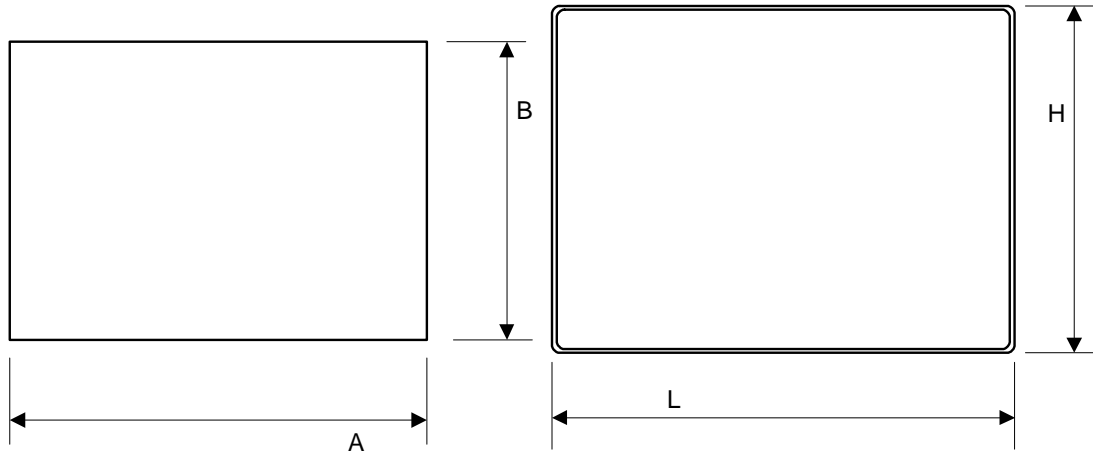
## Technical Data

<b>Display</b>	
Type	Monochrome LCD
Resolution	¼ VGA, 320x240 pixel
Active display area	121x91 mm (5.6" diagonal)
Colors	-
Backlight	White LED
Brightness	60 cd/m <sup>2</sup> typ.
Dimming	No
Contrast regulation	Software
<b>Memory</b>	
User memory	32 MB Flash Card
User memory expansion	-
<b>Front panel</b>	
Touch screen	Analog resistive
Function keys	1
System keys	-
User LED indicators	1
System LED indicators	4
<b>Interfaces</b>	
PC/Printer port	Yes
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop
Aux port (fieldbus and Ethernet)	Yes, with optional modules
DX port (video input)	No
Serial programming speed	9600 – 38400 bps
<b>Functionality</b>	
Vector graphics	No
Dual driver capability	Yes
Video input	No
Data acquisition and trends	Yes
Recipe memory	32 KB
Alarms	1024
Event list	1024
Password	Yes
Hardware RTC	Yes, with battery back-up
Screen saver	Yes
Buzzer	Yes, audible feedback for touch screen
Battery	3 V 270 mA Lithium, non rechargeable, user replaceable, model CR2430. Replace with same component or equivalent compatible with the operating temperature of the product.
<b>Ratings</b>	
Power supply voltage	24 V DC (18 to 30 V DC)
Current consumption	Max 0.6 A at 24 VDC
Fuse	Automatic
Weight	Approx 1.4 Kg
<b>Environmental Conditions</b>	
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % RH non-condensing
Protection class	IP65 (front panel)

The product is designed for installation in industrial environments in compliance with the regulations:

Emitted interference      EN 61000-6-4, 2001  
 Noise immunity            EN 61000-6-2, 2001

## Dimensions and Cutout



Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxH	176x136 mm (6.93x5.35 ")
Mounting depth	79 mm (3.12")

## Contact

For further office locations visit [www.baldor.com](http://www.baldor.com)

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