



ZONE 1 HMI 1010

The POLMON “**FLP ZONE 1 HMI1010**” Human Machine Interface is designed to meet the requirements of operator interface to Industrial Control systems like PLC/DCS and other Ethernet devices or MODBUS devices on MODBUS RTU. It is specially designed for life science industries and suitable for use in Zone 1, Zone 2 Gas Gr.IIA and IIB Hazardous Area.

KEY FEATURES

- 10.2” Graphical Color LCD display
- Touch Panel interface
- RS 485 communication with MODBUS interface
- Suitable for Zone 1 and Zone 2 Hazardous areas
- SS Flameproof enclosure
- Integrated stand mount enclosure
- RS 485 MODBUS, Ethernet Interface
- Supports almost all branded PLCs

SPECIFICATIONS

Model No.:	HMI1010-F-X
Screen Size:	10.2” TFT LCD
Resolution:	800x480
User Interface:	Touch
Programming Cable:	USB cable (D shape)/USB flash disk
CPU:	720M/1GHZ ARM Cortex A8
Power Supply:	DC 24V, 0.6A
Communication:	Ethernet, MODBUS RS 485

Protection	Enclosure	: Flameproof
	Keypad	: Touch Panel interface with intrinsically safe barrier for Zone 1, Zone 2 Gr.IIA and IIB
Ambient Condition	Operating Temperature	: 0-50° C
	Storage Temperature	: 0-60° C
	Relative Humidity	: 0.....90% (non-condensing)
Mechanical Specifications	Material	: SS304 with matte finish
	Installation	: Floor-mount with stand
	Weight	: Enclosure + Stand = 24.15 kg
	Dimensions	: Enclosure: 315x305x106 (LxWxH) mm
Hazardous Area Certification:	Ex-proof Ex ‘d’	: Zone 1, Zone 2 Gas Gr.IIA and IIB

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