FP2020 with Built-in IO

SALIENT FEATURES

➤ 16 x 2 text display with multicolor LED backlight

➤ 18 keys (6 Function Keys)

➤ One USB programming port

➤ 24 VDC Power Supply

➤ DC inputs, DC Outputs

➤ Analog Inputs (Voltage, Current)

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➤ Support for High Speed Counters (Up-to 200 Khz)

➤ High Speed Pulse Output up-to 1 Khz

➤ IEC61131-3 Programming environment
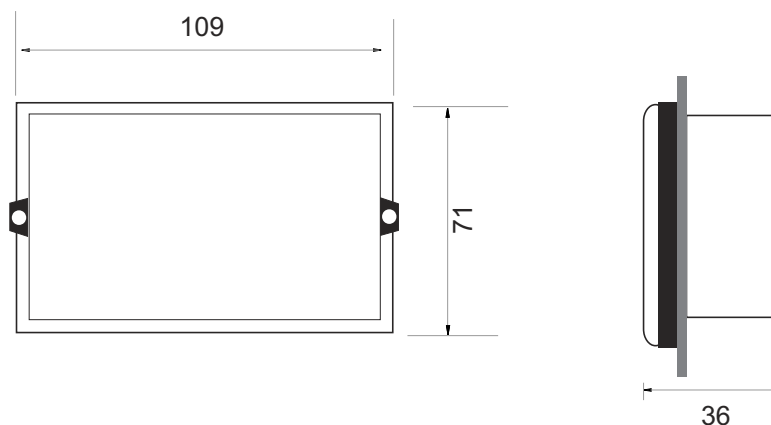
➤ CE, UL Class I Div 2, RoHS

MODEL COMPARISON

Models	FP2020-L0808RP-A0401L	FP2020-L0808P-A0401L	FP2020-L0604P-A0401L
Display	16 X 2 Text Display		
Backlight	LED Backlight		
CPU	32-bit RISC processor		
Memory	Up to 512KB		
Screen Memory	Up to 180KB		
Retentive Memory	1400 Words*		
USB Device	One USB programming port for upload/download and monitoring		
Power Supply	Power 24VDC (-15% to +20%)		
DC Inputs	8 (Sinking)	8 (Sinking)	6 (Sinking)
High Speed Inputs	2, 32-bit, 200KHz	2, 32-bit, 200KHz	2, 32-bit, 200KHz
DC Outputs	6 Relay 2 PNP	8 PNP	4 PNP
High Speed Pulse Outputs	2, Up-to 1KHz		
Analog Inputs	2 Voltage I/Ps (16 bit), 0 to 10 VDC, 0 to 5 VDC		
	2 Current I/Ps (16 bit), 0 to 20 mA, 4 to 20 mA		
Analog Outputs	1 Voltage / Current O/P (12 bit)		
	0 to 20mA, 4 to 20 mA, 0 to 10 VDC		
Operating Temperature	0 to 50 ℃		
Storage Temperature	-20 to 80 ℃		
Humidity	10 to 95% non condensing		
Mounting	Front Panel Mounting, IP66 rated		
Approvals	CE, UL (Class I Div 2)		
Bezel Dimensions	109mm x 71mm (Drawing A)		
Panel Cutout	99.5mm x 62.5mm (Drawing A)		

* Built-in EEPROM is used. The write cycle is 30,000.

DIMENSIONS

Drawing A

All dimensions are in mm.

Please contact factory for more information. We welcome an opportunity to develop new, custom drivers and customized units.