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Контроллер передачи уровня МРМ4881W. Технические характеристики.



Features

- Level measurement for liquid media
- 14-segment LED display
- Button programming, easy operation
- Max. 5 relays control independently, time-delay function
- Switchable analog output
- Record the Max. in operation(button for clearing up)
- Support rail, cover, back mounting
- Hardware wrong operation protection
- MODBUS communication

Introduction

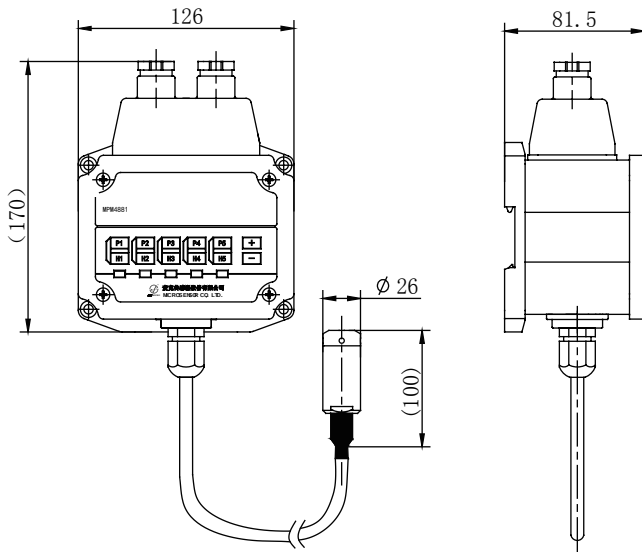
MPM4881W Level Transmitting Controller is an intelligent meter integrating level measurement, display, transmitting and control. It adopts the internationally advanced ARM processing chip. By compensation and adjustment of the sensor, the product can achieve precise measurement and provide quick response and control of multiple relay. The meter supports peak record and action delay, providing 4 digit LED indicator, easy for reading. And the design of multiple buttons makes the operation easier and more convenient. Either current or voltage output signal is optional. It supports back mounting, rail mounting, cover mounting and joint mounting. The controller body protection level is IP65. The probe protection level is IP68.

MPM4881W Level Transmitting Controller provides 5-relay output + 1 analog output, which applies to the equipment automatic pressure detection, action control and water level alarm, is available for long-distance pressure measurement and control.

Specification

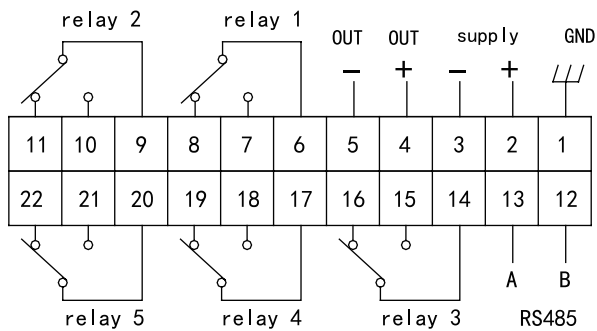
Input	Power Supply	(220±44)V AC / 22V~32V DC
	Level Range	1m, 2m, 5m, 10m, 20m, 50m, 100m, 200mH ₂ O
	Overpressure	1.5 FS
Output	Accuracy	≤±0.5%FS
	Repeatability	≤±0.2%FS
	Display	4 digit 0.56 inch 14-segment LED display
	Display Refresh	200ms
	Thermal Drift	≤±0.03%FS/°C (Zero/FS)
	Resolution	0.1cm
Analog Output	Current Version	4mA~20mA DC, Load resistance ≤560Ω
	Voltage Version	0V~10V DC, Load resistance ≥10kΩ
Switch Output	Output Mode	5 relays, normally open or closed contact
	Voltage Supply	≤277V AC; ≤30V DC
	Current Supply	≤3A
	Response	<1ms
	Switch Point Setting	1.5%FS~99%FS
	Return Difference Setting	1%FS~10%FS
	Relay Life	≥10,000,000 times/load (min.); ≥100,000/times/load (max.);
	Switch Delay	0s~99s
Environmental Conditions	Operation Temp.(controller)	-25°C ~65°C / -13 °F ~149 °F
	Relative Humidity	0%~85%
	Storage Temp.(controller)	40°C ~70°C / -40 °F ~158 °F
	Media Temp.	-20°C ~80°C / -50 °F ~176 °F
	Electromagnetic compatibility	GB/T 17626.2/3/4-2006
	Shock	≤5g/10Hz...500Hz(IEC 60068-2- 6-2007)
	Impact	≤10g/11ms(IEC 60068-2-27-2008)
	Protection	Controller Body IP65; Probe IP68

Outline Construction (Unit: mm)



MPM4881W Outline Construction and Dimension

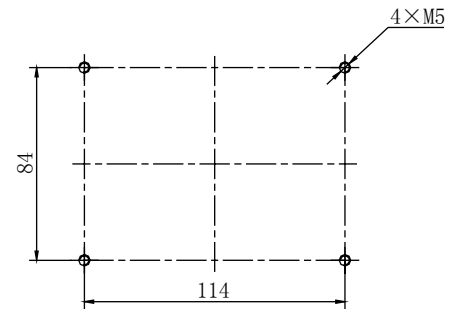
Terminal Diagram



External Terminal Diagram

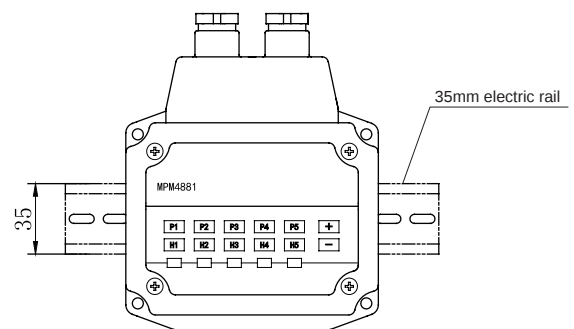
Installation

MPM4881W Level Transmitting Controller can be installed by rail mounting, cover mounting and back mounting.

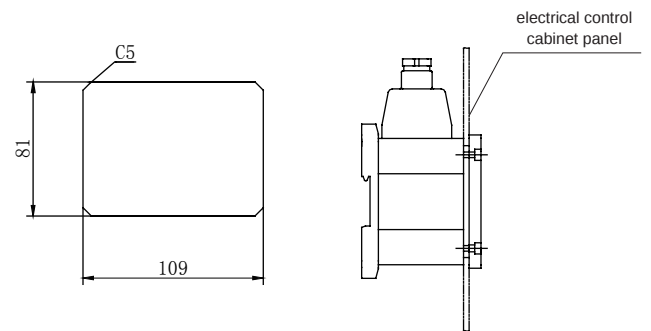


bolt hole size

Back Mounting



35mm Electric Rail Mounting



panel hole size

Cover Mounting

Order Guide

MPM4881W		Level Transmitting Controller				
		Level Range	1, 2, 5, 10, 20, 50, 100, 200m H ₂ O			
		[0m~Xm] L	X-Actual Range L: Cable Length, L-X= (1~2) m suggested			
			Code	Power Supply		
			AC	220V AC		
			DC	22V~32V DC		
				Code	Output Signal	
				KA	5-relay+analog (4mA~20mA DC)	
				KV	5-relay+analog(0V~10V DC)	
				KAV	5-relay+analog(4mA~20mA / 0V~10V double use)	
	MPM4881W	[0m~3m]5	DC	KA	the whole spec.	

Notes

1. Please pay attention that the media should be compatible with the contacting parts; please inform the density of the media (except water);
2. Two kinds of cable are optional, polyurethane and polyethylene. The default is polyethylene. Polyurethane cable is more flexible and durable; it can be selected due to the requirement;
3. If the user has special requirement, please feel free to contact us.

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