AKSES
Akıllı Şebeke Sistemleri

MPM

MPM; It is a device designed to respond quickly to the user's variable and specific needs. By configuring the built-in inputs, outputs and communication ports as you wish, you can create your own model and offer precise solutions for your special projects.

MPM provides the advantage of internal power supply. You can continue to perform all your operations without any external supply, and provide discrete remote communication. In case of external power supply, you can do instant remote communication by saving battery.

Thanks to GPRS / GSM module, can manage the MPM remotely and get the field data. In addition to this, also use as a gateway allowing your other devices to access

Log feature allows you to trac the status of your inputs and outputs up to ten years in hourly, daily and monthly.

Digital inputs can use as standard counter, standard input, alarm input, run time meter, feedback detector, and input reflective.

Analog inputs perform active measurement by get the power supply of the device you want to measure, via MPM. Can also read the analog signal directly and perform passive measurement.

Voltage output can manage a device manually or programmatically manage.
With digital output you can copy the signals you receive from the digital input.

Alarms are designed to vary according to the model of the device and meet the needs of the user.

TECHNICIAL SPECIFICATIONS

NAME	MPM
Manufacturer/License	VHS Electronic
Type	Multi-Function Measuring, Recording, Alarm and Communication Device
Operating Temperature	[-25 °C ; +70°C]
Measuring Temperature	[-25 °C ; +60°C]
External Power Supply	Limit: 5V < Vha < 15V DC Nominal: 6V
Internal Power Supply	3.6V D-size, C-size, AA-size Lityum Battery (Varies by model)
Battery Life	Typical 7 Years (Varies by Model +- 2 Years)
Digital Inputs	Maximum 8Hz LF, Current: Typical 6uA, Voltage: Typical 2.8V (2 Independet Channels)
Analog Inputs	Max Voltage: 10V DC, Max Current: 28mA (2 Independet Channels)
Digital Output	Maximum 8kHz, Max Current: 350mA, Max Voltage: 55V AC/DC (1 Channel)
Voltage Output	Fabrication Set Voltage Min: 3.6V DC, Max 14VDC Current Max: 450mA,Switch Frequency Max: 1MHz (1 Channel)
Communication Ports	RS485 GPRS/GSM Module
Communication Protocols	Modbus RTU / Modbus RTU Over TCP
Units of Basic Data	Pressure: Bar, mBar / Temperature: Celcius / Volume: m³, cm³, mm³
Total Weight	0,3 kg

PROTOCOLS

Modbus RTU

Modbus RTU Over TCP

SOFTWARE TOOL

The software works with Modbus RTU protocol and is dynamic. Therefore, MPM models can be added to the software and the desired values can be read. In addition, the MPM operating principle can be converted to the desired format using software. So the models can be switched between.

General Configurations

> G (GPRS/GSM Enable): GPRS is used actively.
> L (Log Enable): Hourly, daily, monthly and alarm records are activated.
> M (RS485 Enable): GSM-RS485 Gateway is activated.

Digital Input Ports

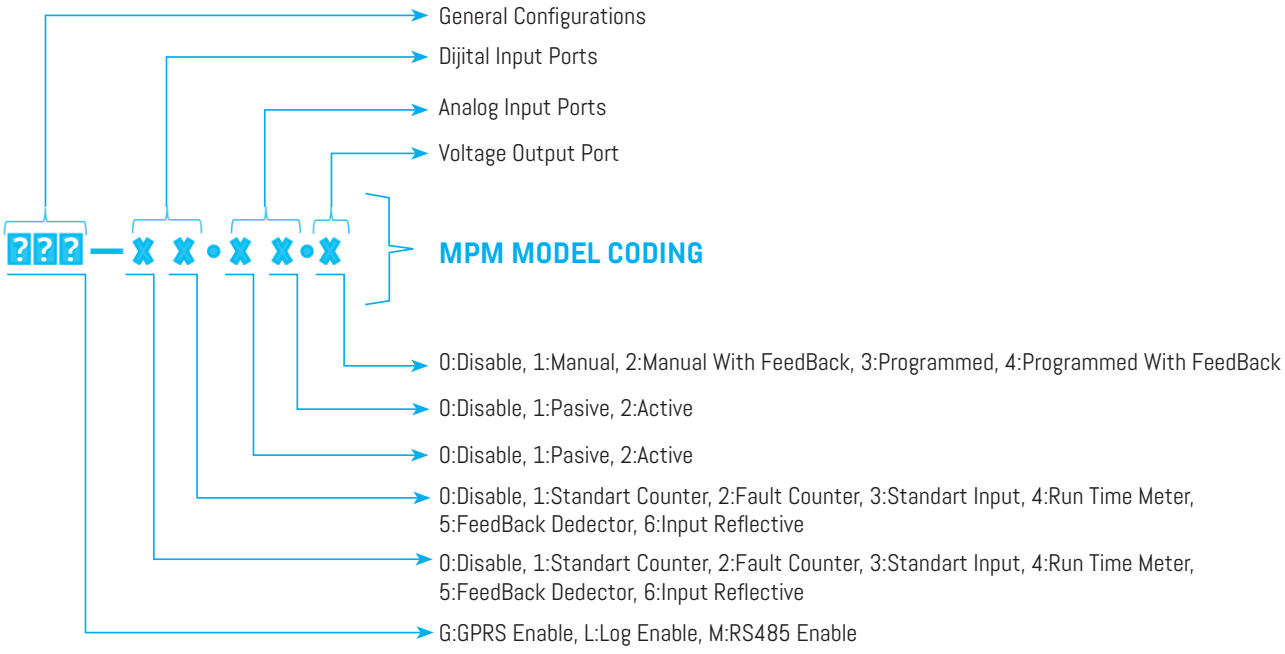
> 0 (Disable): Port inactive.
> 1 (Standart Counter): The port counts the number of rising edge or falling edge. Consequently, it runs an algorithm that calculates the number of instantaneous signals.
> 2 (Fault Counter): The port counts the number of rising edge or falling edge. It can generate an alarm for these status.
> 3 (Standart Input): Port indicates the low or high status of the signal on its own.
> 4 (Run Time Meter): The port measures the high and low time of the signal on its own.
> 5 (Feed Back Dedector): The port informs the voltage output port when the recives a feedback signal.
> 6 (Input Reflective): The port sends a copy of the received signal to the digital output port.

Analog Input Ports

> 0 (Disable): Port inactive.
> 1 (Pasive Measure): The port does not supply power to the device its Measuring. Reads and processes the analog signal directly.
> 2 (Active Measure): The port supplies power to the device to be measured before the measurement. Then reads and processes the analog signal.

Voltage Output Port

> 0 (Disable): Port inactive.
> 1 (Manual): The port is controlled directly by the user.
> 2 (Manual With Feedback): Control of the output port is initiated by the user and terminated by the feedback signal.
> 3 (Programmed): The output port is controlled by the user-saved table in the MPM.
> 4 (Programmed With Feedback): Control of the output port is initiated by the user-saved table in the MPM and terminated by the feedback signal.



Geleceğe Yön Veren

	GPRS Conn.	Logging	Transpaten Com.	Digital In-1	Digital In-2	Analog In-1	Analog In-2	Voltage Out	Digital Out
GL-12.00.0	✓	✓		✓	✓				
GM-33.00.0	✓		✓	✓	✓				
GM-00.00.0	✓		✓						
GL-11.22.0	✓	✓		✓		✓	✓		
GL-11.11.0	✓	✓		✓	✓	✓	✓		
GL-00.20.0	✓	✓				✓			
GL-10.00.0	✓	✓		✓					
GLM-12.00.0	✓	✓	✓	✓	✓				
L-12.22.0		✓		✓	✓	✓	✓		
GM-35.00.3	✓		✓	✓	✓			✓	
GL-10.20.0	✓	✓		✓		✓			
G-33.00.1	✓			✓	✓			✓	
GL-44.00.0	✓	✓		✓	✓				
GM-60.00.0	✓		✓	✓					✓
GL-43.00.0	✓	✓		✓	✓				

Table shows the most preferred MPM models by users illustrate respectively.

✓ Indicates that the port or feature is active for the corresponding model.

MOST POPULAR

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