

VM-5 SERIES MONITOR
SPECIFICATIONS

MODEL VM-5W1 DUAL POWER SUPPLY
INSTRUMENT RACK

Model Code / Additional Spec. Code (No entry if additional spec. code is not specified.)

VM-5W 1-□/TRP/CEM

Number of VM-5 monitor units		Husing fix screw size		Tropical spec.	CE marking
1	Max.10 units*1	0	#4-40UNC		
		1	M2.6x0.45		

Note) *1 Max.8 units when VM-5Z0 Power Supply Backup Module is installed.

Standard Specifications		Standard Specifications	
INPUT FOR OPERATION (FROM REAR PANEL)	Alarm reset(normally open) Sequence(normally open) Filter enable(normally open) Contact type : Dry contact	ALARM CONTACT OUTPUT	Function : System OK(common to all channels)*3 Contact capacity : load resistance : 250VAC,5A : 30VDC,5A Contact type : C contact•Dry contact
SERIAL INTERFACE INPUT/OUTPUT CONNECTOR *6	D-Sub connector 9P 2pc. (IN,OUT) Housing fix screw : #4-40UNC or M2.6x0.45 Specified when ordering. Unless specified otherwise, preset to #4-40UNC. Recommended connector(Socket side) Connector Housing XM2D-0901 XM2S-0913(#4-40UNC) XM2S-0911(M2.6x0.45) [OMRON] GM(E)-9F GM-9LD55GU(#4-40UNC) GM-9LD55G(M2.6x0.45) [HONDA]	CONTACT LIFE	100,000 times or more(rated load)
		PROTECTIVE CONSTRUCTION	Plastic sealed
		TEMPERATURE RANGE	Operating temperature : 0 to 65°C(32 to 149°F REF.)*2 Relative Humidity : 20 to 95%RH(noncondensing)
		MATERIAL AND FINISH	Rack : SPCC Unichromate plating finish(black) Face plate : Aluminum Munsell N-4.0(equiv.)
		MASS	max.10kg(max.22lb REF.)
OPERATION SWITCH	DANGER bypass switch	OTHERS	
INDICATOR	Power supply 1 OK indicator : Green LED Power supply 2 OK indicator : Green LED		

Note) *2 Operating temperature is to 0 to 50°C(32 to 122°F REF.) when VM-5Z0 Power Supply Backup Module is installed.

*3 The system OK alarm contacts are not functional unless the VM-5P□ is mounted.

*4 Model code of /CEM means conformity with EC directive for only the rack, but not for units which are installed in the rack, nor for the whole system.

*5 Ventilation holes are drilled through the top and bottom faces of the instrument rack for natural cooling. When mounting the instrument rack within the panel, do not close these ventilation holes. If closed, the temperature in the rack may rise to shorten the service life of electronic parts used. Do not place anything which interrupts ventilation within 200 mm from top and bottom faces of the instrument rack.

Do not place the apparatus which generates heat under the instrument rack.

Be careful when installing the instrument rack in a bad-ventilated closed box (instrument panel).

It may cause shortening the life time of electronic parts because of marked rising in temperature of the instrument rack in a bad-ventilated closed box which keeps the heat in.

Cool down inside the box with a cooling fan or the like.

Especially when installing in a small closed box, use the forced-air cooling apparatus like an electronic air conditioner.

*6 The serial interface input/output connectors are not functional unless the VM-5P1,2 is mounted.