

VM-5 SERIES MONITOR
SPECIFICATIONS

MODEL VM-5Y4 RELAY MODULE UNIT
(CONNECTOR TYPE)

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

VM-5Y4 - - /TRP/CEM

Arc suppressor	Input	Contact method (DANGER)	Contact method (ALERT)	Contact method (OK)	Housing fix screw size	Tropical spec.	CE marking
0 Provided	1 CA Series,CV-86 *1	1 NO	1 NO	1 NO	0 #4-40UNC		
1 Not provided	2 CV-85,CV-87 *2 VK,RD,FK,MS VC,VM-11P,VM-21P	2 NC	2 NC	2 NC	1 M2.6x0.45		

Note) *1 2-wire transducer requiring a constant current power supply (4mA, 24VDC).

*2 3-wire transducer requiring a -24VDC power supply, or any other transducer that does not cause power to be supplied from the monitor to the transducer.

Standard Specifications		Standard Specifications	
I/O CONNECTOR TERMINAL BLOCK	D-Sub 9P connector 1pc.(CN1) CN1: Recorder output 2CH Alarm output L : -1 to +1V H : +4V to +6V OK, ALERT, DANGER (each 2 points) 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] Terminal block 16P Input transducer : 2CH Contact output : OK 1 point (OR state of CH1 and CH2) ALERT, DANGER (each 2 points)	RELAY POINTS	5 points (DANGER1,ALERT1,DANGER2,ALERT2,OK)
	POWER OUTPUT FOR TRANSDUCER	Model Code No. of input signal "1" : 2 wire constant current power supply 4mA,24VDC Model Code No. of input signal "2" : -24VDC,40mA	
	CONTACT RATING (LOAD RESISTANCE)	250VAC, 5A 30VDC, 5A	
	CONTACT LIFE	100,000 times or more (rated load)	
	PROTECTIVE CONSTRUCTION	Plastic seal	
	TEMPERATURE RANGE	Operating temperature : 0 to 65°C (32 to 149°F) Storage temperature : -30 to +85°C (-22 to +185°F) Relative humidity : 20 to 95% (noncondensing)	
	MASS	max.0.4kg	
	OTHERS		

Note) VM-5Y4 RELAY MODULE UNIT can not correspond to isolation recorder output specification.

Alarm contact operation

Monitor alarm relay mode	Monitor power OFF	Monitor power ON	
		Normal state	Alarm state
NO contact NORMALLY DE-ENERGIZED	OPEN	OPEN	CLOSE
NO contact NORMALLY ENERGIZED	OPEN	CLOSE	OPEN
NC contact NORMALLY DE-ENERGIZED	CLOSE	CLOSE	OPEN
NC contact NORMALLY ENERGIZED	CLOSE	OPEN	CLOSE