

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

VM-5N- 0 -

Monitor range	Input signal	Frequency response	Polarity*1	Operation method	Recorder output	Alarm reset (DANGER)	Alarm reset (ALERT)	Alarm reset (OK)
1 -5 to 0 to +5mm	1 VK-143P, FK-143F	0 DC to 0.5Hz	1 Direct	1 Differential (both CH:same ramp angle)	0 4 to 20mADC	0 AUTO-RESET	0 AUTO-RESET	0 AUTO-RESET
2 0 to 10mm	2 VK-263P, FK-263F		2 Reverse	2 Additional (both CH:same ramp angle)	1 1 to 5VDC	1 SELF-HOLD	1 SELF-HOLD	1 SELF-HOLD
3 -10 to 0 to +10mm	3 VC Series (Voltage output only)			3 CH1:specified ramp angle CH2:0°	2 Output card (/IS□ or /RE□ option)			
4 0 to 20mm								
5 -25 to 0 to +25mm								
6 0 to 50mm								
7 -0.25 to 0 to +0.25inch								
8 0 to 0.5inch								
A -0.5 to 0 to +0.5inch								
B 0 to 1.0inch								
C -1.0 to 0 to +1.0inch								
D 0 to 2.0inch								

Note) *1 VK VC

Polarity	Indication and rec.output	
	Toward sensor [1]	
Direct	Increase	
Reverse	Decrease	

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	Toward sensor [1]	
Direct	Decrease	
Reverse	Increase	

Relay mode (DANGER)	Relay mode (ALERT)	Relay mode (OK)	Alarm delay time (DANGER)	Alarm delay time (ALERT)	Alarm output type	First out*2
0 NORMALLY DE-ENERGIZED	0 NORMALLY DE-ENERGIZED	0 NORMALLY DE-ENERGIZED	0 3 sec.	0 3 sec.	1 CH1 : 2 points (DANGER1,ALERT1) H,L are OR output	0 OFF 1 ON
1 NORMALLY ENERGIZED	1 NORMALLY ENERGIZED	1 NORMALLY ENERGIZED	1 1 sec.	1 1 sec.	2 CH1 : 4 points (H-DANGER,H-ALERT, L-ALERT,L-DANGER)	
			2 6 sec.	2 6 sec.		
			3 None	3 None		

/(IS or RE)/5G /TRP/EX /CEM

Isolate output	Recorder option output	Input power supply requirements	Tropical spec.	Sensitivity correction	CE marking
0 4 to 20mADC	2 0 to -10VDC	0 85 to 264VAC		2 FM	
1 1 to 5VDC	3 0 to 10VDC	1 24VDC		4 CSA	
2 0 to -10VDC	4 0 to -5VDC	2 110VDC		5 ATEX	
3 0 to 10VDC	5 0 to 5VDC				
4 0 to -5VDC					
5 0 to 5VDC					

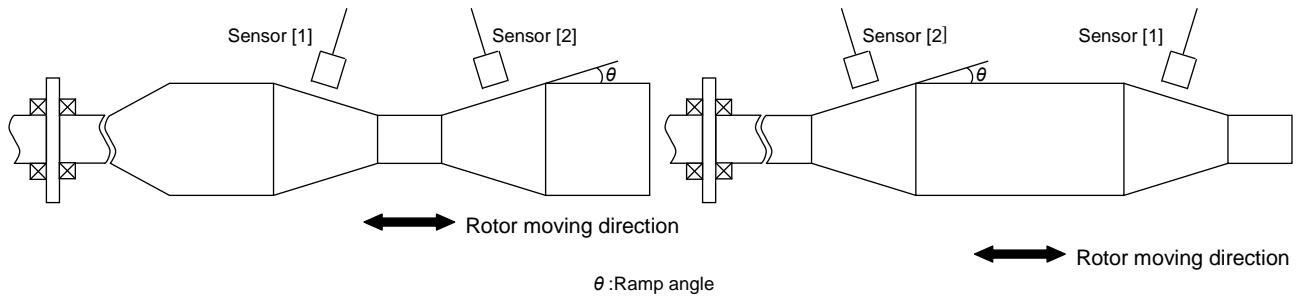
Note) *2 It is necessary to set all monitor units in the same rack in first out function ON when it is used first out function.

When recorder output code 2 is selected, specify this option code.

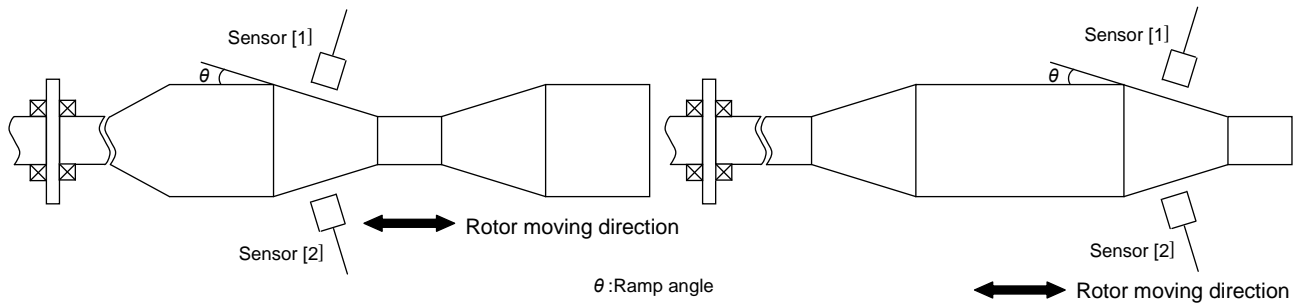
Ordering Information		Standard Specifications	
ALARM SET VALUE	H-DANGER : _____ H-ALERT : _____ L-ALERT : _____ L-DANGER : _____ Unless specified otherwise, preset to : H-DANGER : 100% of monitor range H-ALERT : 90% of monitor range L-ALERT : 10% of monitor range L-DANGER : 0% of monitor range	ALARM INDICATOR	DANGER : (red LED) ALERT : (yellow LED)
RAMP ANGLE	Installation angle allows between 4 to 90°00' Ramp angle : _____	ABNOR.ALARM INDICATOR	OK : (green LED)
OTHERS	_____	BYPASS INDICATOR	BYPASS : (red LED)
		TRANSDUCER INPUT	VK-143P,FK-143F,VK-263P,FK-263F,VC Serie Number of input points : 2 points
		INPUT IMPEDANCE	Approx. 50kΩ
		EXTERNAL CONTACT INPUT (FROM REAR PANEL)	Contact type : Dry contact Contact for external reset
		BAR GRAPH METER	Recorder output conversion accuracy ±2.5% of F.S.
		ZERO SHIFT	0 to 100% of monitor range
		DIGITAL METER	Recorder output conversion accuracy ±1.0% of F.S.
		RECORDER OUTPUT (FROM REAR PANEL)	±0.5% of F.S. at 25°C ±2.0% of F.S. at 0 to 65°C
		RECORDER OUTPUT (FROM REAR PANEL)	Voltage or current output proportional to monitor range 1 to 5VDC (output impedance : 250Ω) 4 to 20mADC (max.load resistance : 500Ω) 0 to 10VDC*, 0 to 10VDC*, 0 to -5VDC*, 0 to 5VDC* (output impedance : 100Ω) (*option) Number of output points : 1 point
		MONITOR OUTPUT (FROM FRONT,REAR PANEL)	Input signal is output via a buffer amplifier. Signal level : -0.8 to -22VDC(VK), 0 to 5VDC(VC) Output impedance : 100Ω (load resistance 50kΩ or more)
		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%RH(noncondensing)
		MATERIAL AND FINISH	Face plate : Aluminum Munsell N-4.0 (equiv.)
ALARM SET POINT	4 points (DANGER1, ALERT1, DANGER2, ALERT2)	MASS	Monitor : max.0.7kg (including single unit instrument rack : max.2.5kg)
ALARM SET RANGE	-10 to 110% of monitor range		
ALARM SET ACCURACY	±1.0% of F.S. or less		
ALARM SET REPEATABILITY	±0.1% of F.S. or less		
ALARM OUTPUT	3 points (DANGER, ALERT, OK) or 4 opints (DANGER, ALERT, OK1, OK2) (H, L are OR output) (6 points when 4-point alarm is selected for CH1)		
MEASURED VALUE	LCD digital meter with 5 digits (7 segments, with back light) LCD bar graph meter (40 segments, with back light) * Measurement value and alarm set value are indicated on the digital meter and bar graph meter simultaneously.		

Operation method of Differential Expansion(specify,at order)

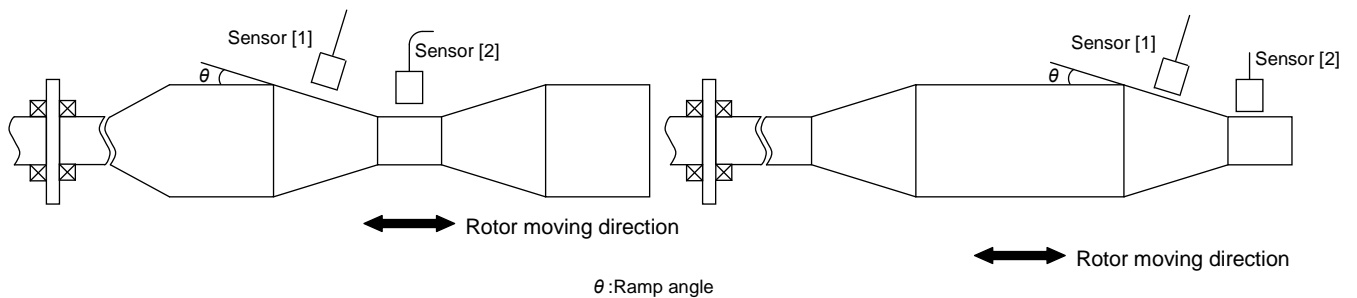
1. Differential operation(operation method Code:1)



2. Additional operation(operation method Code:2)



3. CH2:0° (operation method Code:3)



Note) The Above figure is typical example of attachment.