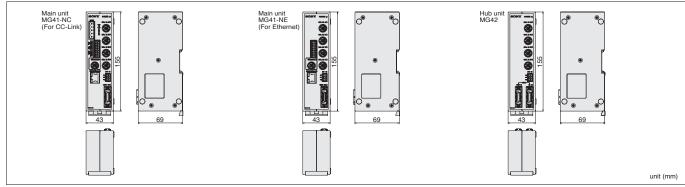
Specifications

Specifications								
Item	- "	Description						Remarks
	Conditions							Up to 24 connected MG42 hub units
No. of connectable	Entire system MG41 main unit	1 to 100 units (Connection disabled aft er connection of 101st unit.)						Op to 24 connected MG42 hub units
measuring units	MG42 hub unit	O to 4 units						
Connectable measuring units	WG42 Hub unit							
Connectable measuring units		DK800A/DK 800B series, DK10, DK25, DK50, DK100, DK110, DK155, DK205 Between MG41 main unit and MG42 hub unit, between MG42 hub						
Connection cable length		unit and MG42 hub unit: 0.5 m, 1 m, 2 m, 5 m, 10 m Total cable length from MG41 main unit: Maximum 30 m(Maximum current: 4 A or less) Settable output data resolution and display resolution						
Resolution								
Measuring unit resolution	0.1μm	0.1µm		0.5µm	1μm	5μm	10µm	
(input resolution)	0.5μm	-		0.5µm	1µm	5μm	10µm	
Measuring unit data import capacity	10 Mbps data transfer			The data for one axis is counted as one data				
Data format		Signed 7-digit fi xed data with decimal (zero suppression for higher digits) Calculation of maximum value, minimum value, and peak-to-peak value for each axis (including pause, latch, and start functions) Peak value is not updated during pause. Output and display data are not updated during latching (internal data is updated)						
Peak-hold function								
				Recalculation of				
Output data	Single axis	Current value, maximum value, minimum value, and peak-to-peak value for each axis Current value, maximum value, minimum value, and peak-to-peak value for the two-axis addition/subtraction axis						
	Addition and subtraction							Single axis calculation of an addition/subtraction axis is
					· · · · · · · · · · · · · · · · · · ·			not possible(for preventing inconsistencies in calculation)
Comparator function		, ,				- ' '	parator during latch is also latched.)	
No. of setting value groups		2 values		4 values		values	16 values	
No. or setting value groups		16 groups		8 groups	802.3) 100 Mbps/10 M	groups	2 groups	
Ethernet		10			output, and parameter		jouation)	
Reset function								
Preset function		Current value for each axis is reset (by command). Value is preset to the current value of each axis (by command).						
Datum point setting function		Datum point of each axis can be set (by command).						
Reference point function		Reference point can be used to relocate the datum point of each axis (by command).						When master calibration function is not used
Master calibration function		Reference point can be used to perform master calibration for each axis (by command).						Addition/subtraction axis cannot be used.
Measuring unit product information		The product information of the connected measuring unit can be acquired.						
		Command	Reset fu	nction		0	0	
			Preset fu	nction		0	0	
			Datum p	oint setting function		0	0	When master calibration function is not used
				e point function		0	0	When master campration function is not used
				alibration function		0	0	
				tor value setting		0	0	
			Comparator group number setting			0	0	
			Start			0	0	
Command/setting enabled			Pause Latch			0	0	
or disabled for each				value/Peak value (Al	(avac)	0	×	
communication line				/alue/Peak value (Al	,	0	0	
				ator result	on unit)	0		
		Data output		ommunication/Meas	uring unit)	0	0	
			Soft ware		J . ,	0	0	
				g unit product inforr	nation	0	0	
						0	0	
			Input res	Olution				
		Cottings		and output resolution		0	0	
		Settings		and output resolution			0	
		Settings	Display a	and output resolution		0		
Supply voltage	Terminal input	Settings DC 12 to 24 V (11 to	Display a Axis add Compara	and output resolution		0	0	Use a power supply with a current that is 4 A or higher.(Recommended: +24 V) (for every six MG42 hub units)
Supply voltage			Display a Axis add Compara to 26.4 V)	and output resolution ition tor mode (2, 4, 8, or		0	0	4 A or higher.(Recommended: +24 V)
Supply voltage Power consumption	Note the connection	DC 12 to 24 V (11 l System total: Max. When the maximum curr	Display a Axis add Compara to 26.4 V) current 4 A ent is exceede	and output resolution ition tor mode (2, 4, 8, or	6 values in 1 group)	supply to the MG42 hub units	s that come later in the connection.	4 A or higher.(Recommended: +24 V)
		DC 12 to 24 V (11 l System total: Max. When the maximum curr	Display a Axis add Compara to 26.4 V) current 4 A ent is exceede	and output resolution ition tor mode (2, 4, 8, or	6 values in 1 group)	supply to the MG42 hub units	0	4 A or higher.(Recommended: +24 V)
	Note the connection	DC 12 to 24 V (11	Display a Axis add Compara to 26.4 V) current 4 A ent is exceeded in sumption for densation.	and output resolution tor mode (2, 4, 8, or	6 values in 1 group)	supply to the MG42 hub units	s that come later in the connection.	4 A or higher.(Recommended: +24 V)
Power consumption	Note the connection	DC 12 to 24 V (11	Display a Axis add Compara to 26.4 V) current 4 A ent is exceeden sumption for adensation to 90 % RH	and output resolution tor mode (2, 4, 8, or	6 values in 1 group)	supply to the MG42 hub units	s that come later in the connection.	4 A or higher.(Recommended: +24 V)

External Dimensions



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