

LY comparison

Function		LY71	LY72	LY51	LY52	LH54-3
Input axis		1axis or 1axis + add function	3 axes	1axis or 1+ 1axis	2 axes	2 / 3 axes
Reset	By key operations	Yes (each axis)	Yes (each axis)	Yes (1 + 1 axis at same time) / By Key menu operation (each Yes (1 + 1axis at same time)	Yes (each axis)	Yes (each axis)
	By EXT. reset input	Yes (each axis)	Yes (each axis)		Yes (each axis)	Yes (each axis)
Preset	By key operations	Yes	Yes	Yes	Yes	Yes
	By EXT. reset input	Yes	Yes	Yes	Yes	Yes
	Store/edit the value	Yes	Yes	Yes	Yes	No
	Preset data	3 values for each axes	3 values for each axes	1value for each axes	1value for each axes	1value for each axes
Datum point	Store the value	Yes	Yes	Yes (Impossible to see)	Yes (Impossible to see)	Yes (Impossible to see)
	Edit the value	Yes	Yes	No	No	No
Max. Min. P-P mode		Yes (Each axes)	Yes (Each axes)	Yes (1axis or 1+ 1axis)	Yes (1axis or 1+ 1axis)	No
BCD output		Yes (with LZ71-B)	-----	Yes (with LZ51-B)	No	No
	Constant output mode	Yes	-----	Yes	-----	-----
	Latch mode	Yes	-----	Yes	-----	-----
	Open collector	Yes 24V (Isolated from internal circuit)	-----	Yes 5 to 24V	-----	-----
Comparator	System	5 step, 16 sets	-----	5 step, 16 sets	-----	-----
	Axis	1axis or 1axis + add function	-----	1axis or 1axis + add function	-----	-----
	Output	Relay and Open collector (Can be used at the same time)	-----	Relay or Open collector	-----	-----
A/B output		-----	-----	Yes	-----	-----
Reference point function operation		Each axis or All axes	Each axis or All axes	Each axis	Each axis	Each axis
Master set function		Yes	Yes	No	No	No
Default setting	Change parameter	When turn on the power or during operation	When turn on the power or during operation	When turn on the power only	When turn on the power only	When turn on the power only
	Scaling function	0.100000 to 9.999999	0.100000 to 9.999999	-----	-----	0.100000 to 9.999999
	Input axis change	Yes, And no display	Yes, And no display	Yes	Yes, And no display	-----
	Linear compensation	+/-600 μ m/1m	+/-600 μ m/1m	+/-600 μ m/1m	+/-600 μ m/1m	+/-600 μ m/1m
	Anti flickering	Yes	Yes	No	No	No
	Key lock function	Yes	Yes	Yes	Yes	No
	Save energy mode	Yes (Turn off display)	Yes (Turn off display)	No	No	No
RS232C	Transfer rate	-----	200/2400/4800/9600/19200/38400bps	1200/2400/4800/9600/19200bps	1200/2400/4800/9600/19200bps	1200/2400/4800/9600/19200bps
	Stop bit	-----	1 or 2 bits	1 or 2 bits	1 or 2 bits	1 or 2 bits
	Parity	-----	Odd, even, no parity	Odd, even, no parity	Odd, even, no parity	Odd, even, no parity
	Data length	-----	7 or 8 bits	7 or 8 bits	7 or 8 bits	7 or 8 bits
	Function	-----	Basic key operation, data output, default setting	Basic key operation, data output, default setting	Basic key operation, data output, default setting	Basic key operation, data output
	Communication	-----	Full-duplex	Half-duplex	Half-duplex	Full-duplex
	Data order	-----	Print, Ext. print, Command	Print, Ext. print, Command	Print, Ext. print, Command	Print, Ext. print, Command
	Link function	-----	No	2 to 4 units	2 to 4 units	No