

Function		LY72	LY51	LY52	LH54-3
Input axis		3 axes	1axis or 1+ 1axis	2 axes	2 / 3 axes
Reset	By key operations	Yes (each axis)	Yes (1 + 1 axis at same time) / By Key menu operation (each	Yes (each axis)	Yes (each axis)
	By EXT. reset input	Yes (each axis)	Yes (1 + 1axis at same time)	Yes (each axis)	Yes (each axis)
Preset	By key operations	Yes	Yes	Yes	Yes
	By EXT. reset input	Yes	Yes	Yes	Yes
	Store/edit the value	Yes	Yes	Yes	No
	Preset data	3 values for each axes	1value for each axes	1value for each axes	1value for each axes
Datum point	Store the value	Yes	Yes (Impossible to see)	Yes (Impossible to see)	Yes (Impossible to see)
	Edit the value	Yes	No	No	No
Max. Min. P-P mode		Yes (Each axes)	Yes (1axis or 1+ 1axis)	Yes (1axis or 1+ 1axis)	No
BCD output		-----	Yes (with LZ51-B)	No	No
	Constant output mode	-----	Yes	-----	-----
	Latch mode	-----	Yes	-----	-----
	Open collector	-----	Yes 5 to 24V	-----	-----
Comparator	System	-----	5 step, 16 sets	-----	-----
	Axis	-----	1axis or 1axis + add function	-----	-----
	Output	-----	Relay or Open collector	-----	-----
A/B output		-----	Yes	-----	-----
Reference point function operation		Each axis or All axes	Each axis	Each axis	Each axis
Master set function		Yes	No	No	No
Default setting	Change parameter	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
	Input axis change	Yes, And no display	Yes	Yes, And no display	-----
	Linear compensation	+/-600 $\mu$ m/1m	+/-600 $\mu$ m/1m	+/-600 $\mu$ m/1m	+/-600 $\mu$ m/1m
	Anti flickering	Yes	No	No	No
	Key lock function	Yes	Yes	Yes	No
	Save energy mode	Yes (Turn off display)	No	No	No
RS232C	Transfer rate	1200/2400/4800/9600/19200/38400bp	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