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LS-9501P

Controller PNP Type

CE

Specifications

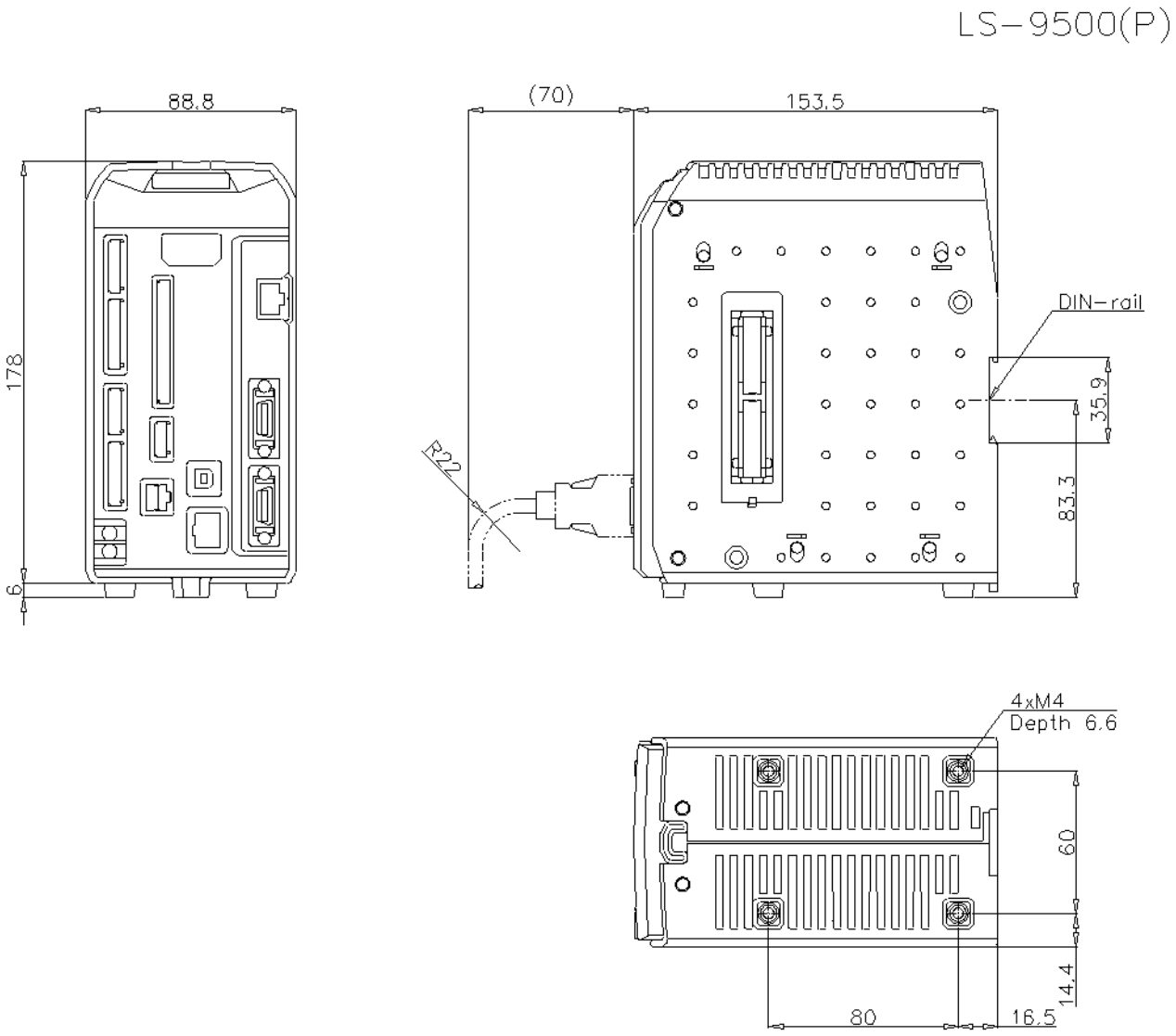
Model		LS-9501P*1
Type		Controller: PNP output type
No. of connectable sensor heads		2
Head compatibility		Yes
Display	Minimum display unit	0.01 µm
	Display range	±99,999.99 µm to ±9,999.9 mm
	LED display	POWER ON indicator, ERROR indicator
Input terminal block	Encoder input	NPN/PNP open-collector output, voltage output (5 V/12 V/24 V), line-driver output
	Synchronous 1, 2 input	Voltage input
	Auto-zero 1, 2 input	
	Reset 1, 2 input	
	Storage trigger input	
	Storage enable input	
	Storage data clear input	
	Statistics 1, 2 input	
	Statistics clear 1, 2 input	
	Program selection input	Voltage input x 4 inputs
Output terminal	Analog voltage output	±10 V x 2 outputs, output impedance 100 Ω
	Analog current output	4 to 20 mA x 2 outputs, compatible load max. 350 Ω
	Universal output	PNP open-collector output x 10 outputs Measured value and tolerance judgment output, status output allocatable
	Status 1, 2 output	PNP open-collector output
	Total judgment output	
	Memory FULL output	
	Strobe 1, 2 output	
	Error output	PNP open-collector output (N.C.)
Interface	Ethernet	1000BASE-T/100BASE-TX*2
	USB	USB 2.0 HI-SPEED supported (USB 1.1 Full-SPEED compatible)*2
	RS-232C	Measured value output, control I/O, setting change, baud rate can be selected up to 115,200 bps
	Display and settings panel	LS-D1000 Max. four heads connectable
Rating	Power voltage	24 VDC ±10 %, including Ripple (P-P)
	Current consumption	When LS-HA100 not used: 1.0 A max. when 1 head connected; 1.4 A max. when 2 heads connected When LS-HA100 in use: 2.0 A max. when 3 heads connected; 2.3 A max. when 4 heads connected*3
Environmental resistance	Ambient temperature	When LS-HA100 not used: 0 to +50 °C 32 to 122 °F

		When LS-HA100 in use: 0 to +45 °C 32 to 113 °F
	Relative humidity	20 to 85 % RH (No condensation)
Weight		Approx. 1,500 g

*1 PNP open-collector output rating: 50 mA max. (30 V max.), residual voltage of 1 V max.
Voltage input rating: Input max. voltage 26.4 V, min. ON voltage 10.8 V, OFF current 0.6 mA max.
*2 Sample DLL and LabVIEW programs are available. Contact your local sales office for details.
*3 Add the current consumption values for all units when connecting the display settings panel and expansion units.
When the LS-9006D or LS-9030D is connected, it counts as two heads.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.



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