

LV-21AP

Amplifier Unit, Main Unit, PNP

CE

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

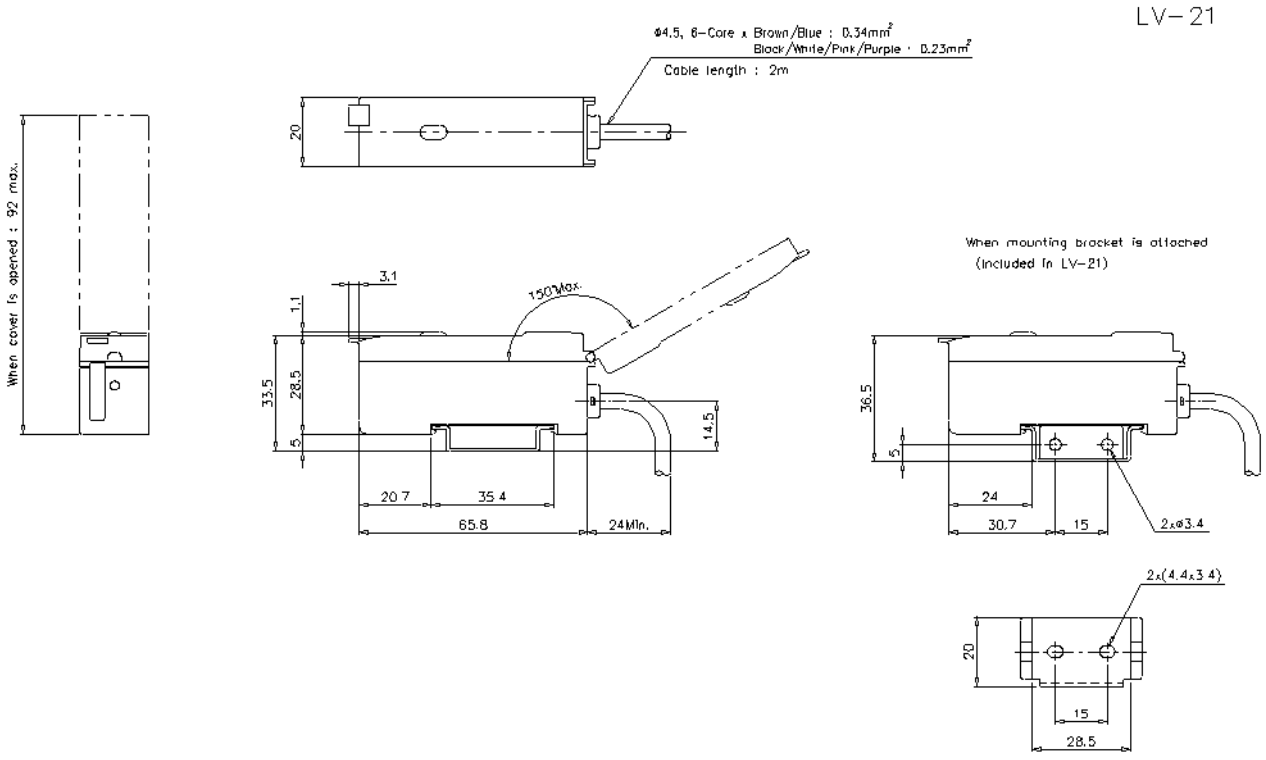
Specifications

Model		LV-21AP
Type		PNP output
Main unit/expansion unit		Main unit
Control output		PNP open-collector x 2 channels, 30 VDC max., max. 100 mA, residual voltage (1.0 V max.)
Response speed		FINE : 80 µs , TURBO : 500 µs , SUPER , TURBO : 4 ms
Number of interference preventive units		FINE : None , TURBO : 2 units , SUPER : 4 units
Protection circuit		Reversed polarity protection, over-current protection, surge absorber
Unit expansion		Up to 7 additional expansion units can be installed (8 units including the main unit),
Rating	Power voltage	12 to 24 VDC, Ripple (P-P) 10 % or less
	Power consumption	1.5 W max. (125 mA max. for 12 V, 62.5 mA max. for 24 V)
Environmental resistance	Ambient temperature	-10 to +55 °C 14 to 131 °F (No freezing) *1
	Relative humidity	35 to 85 % RH (No condensation)
Material	Main unit	Polycarbonate
	Case	
Weight		Approx. 75 g

*1 When several units are connected, the ambient temperature requirement varies depending on the total number of units connected.
When 2 to 5 units: -10 to +50 °C 14 to 122 °F
When 6 to 7 units: -10 to +45 °C 14 to 113 °F
When connecting several units, be sure to mount the units to a metallic DIN rail. Make sure that the output current does not exceed 20 mA.

Dimensions

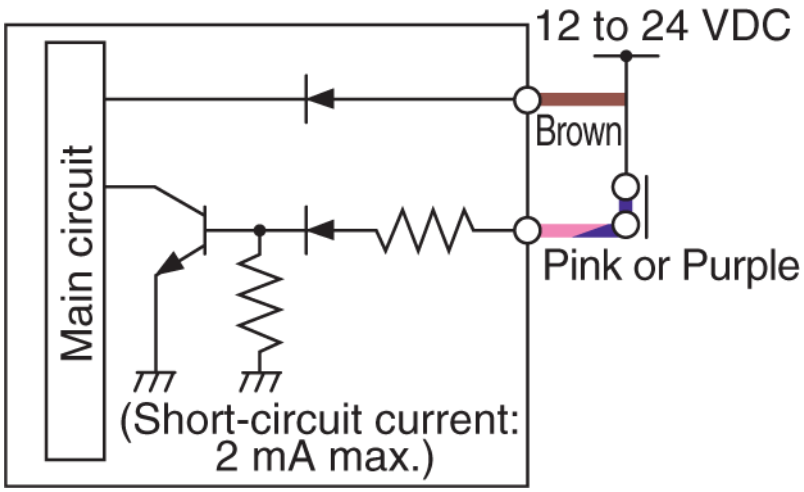
* Download CAD file or product manual for larger image/text and more detail.



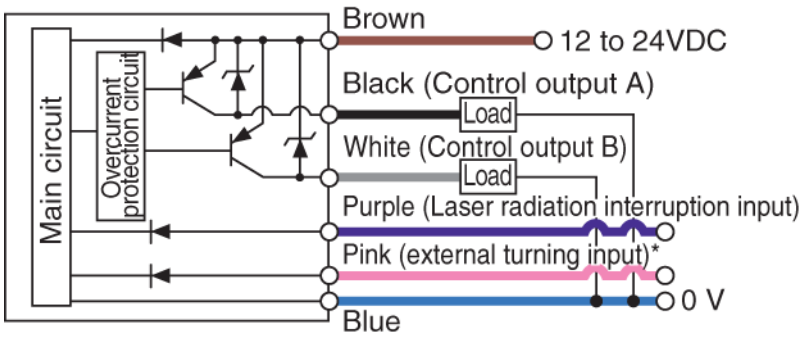
I/O Circuit Connection diagram

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

Laser radiation interruption (main unit only)
External calibration input
PNP



PNP



* Orange (monitor output) only for LV-51MP