



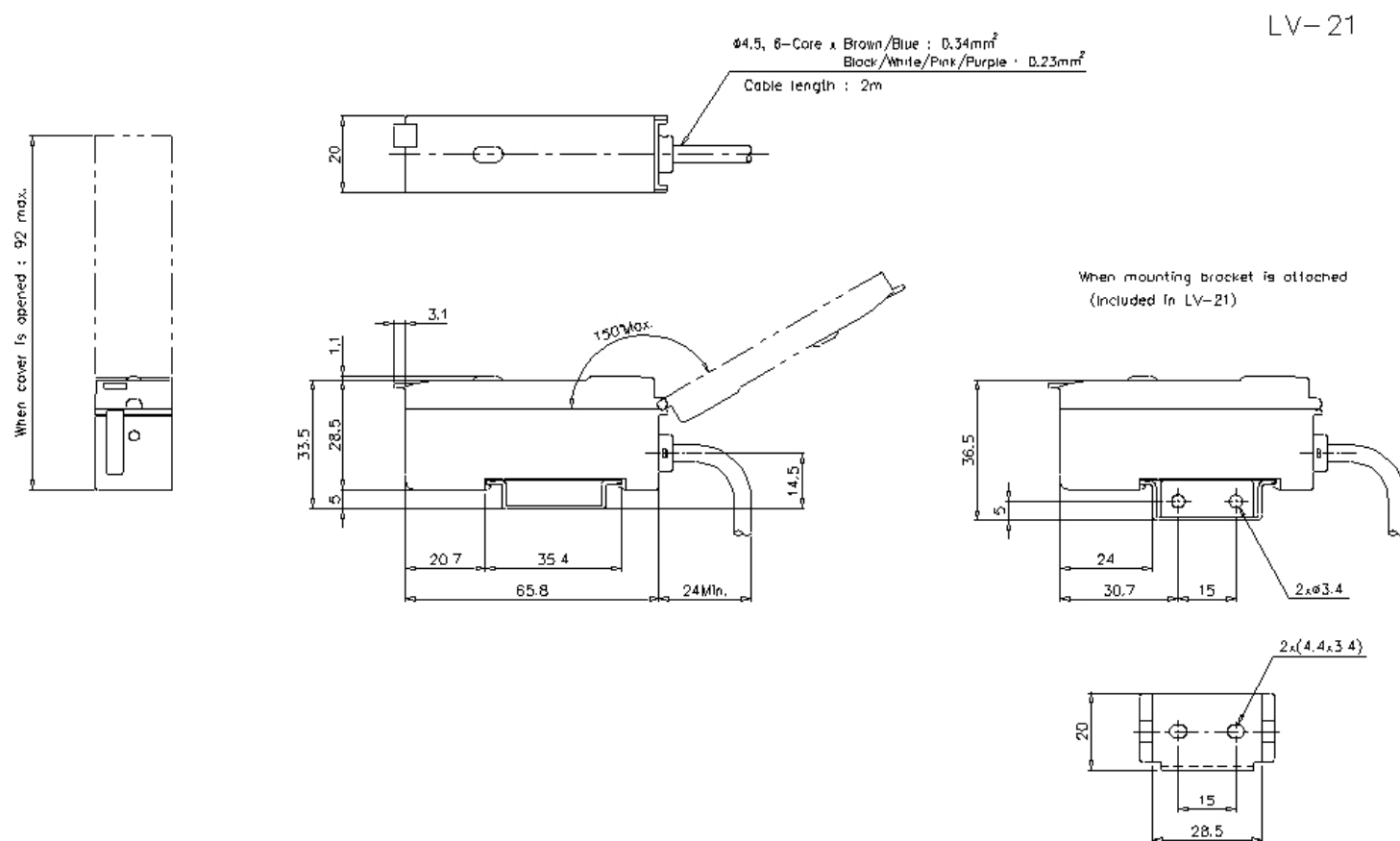
LV-21A
Amplifier Unit, Main Unit, NPN
CE

SPECIFICATIONS

Model		LV-21A
Type		NPN output
Main unit/Expansion unit		Main unit
Control output		NPN open-collector x 2 channels, 40 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 (No freezing) ^{*1}
	Relative humidity	35 to 85 % RH (No condensation)
Material	Main unit	Polycarbonate
	Case	
Weight		Approx. 120 g
^{*1} When extended, the ambient usage temperature varies according to the following conditions. Be sure to mount units on a DIN rail (attached to a metal plate) and ensure that the output current is 20 mA or less. When extended		

Dimensions

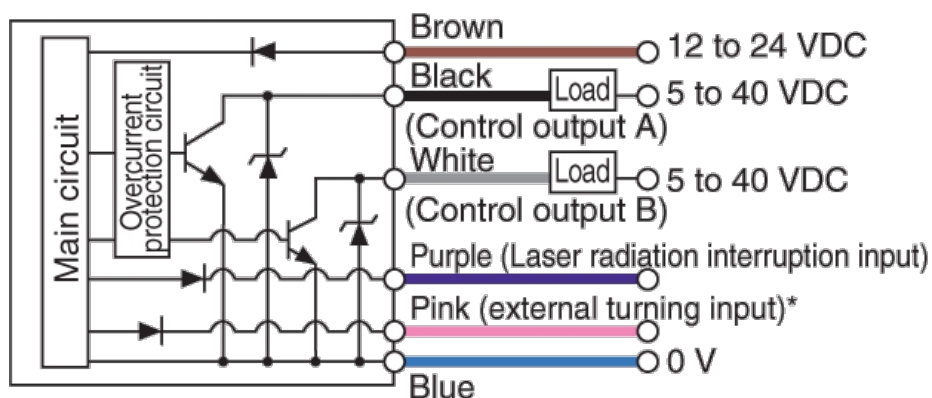
* Download CAD file or product manual for larger image/text and more detail.



I/O Circuit Connection diagram

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

NPN



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

Laser radiation interruption (main unit only)

External calibration input

NPN

