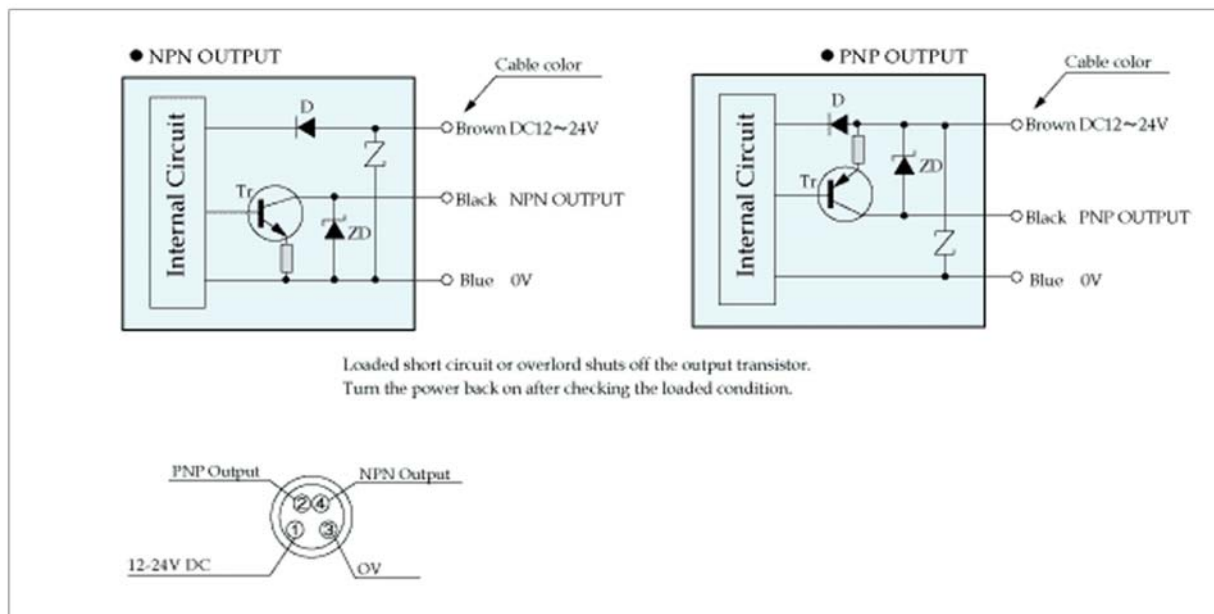


DA-S40R/S70 series

- The teaching function is installed.
- The distance measurement method by PSD is adopted.



OUTPUT CIRCUIT



BACKGROUND SUPPRESSION PHOTO SENSORS

Models	NPN	DA-S40R	DA-S70	DA-S40R-J	DA-S70-J
	PNP	DA-S40RPN	DA-S70PN		
Detection	Background suppression				
Range	70-400mm		70-700mm	70-400mm	70-700mm
	100-400mm		100-700mm	100-400mm	100-700mm
Power supply	12 to 24VDC±10%, Ripple 10% Max.				
Current consumption	50mA Max.				
Output mode	Open collector Rating: 100mA DC30VMax. NPN: Sink current PNP: Source current			NPN/PNP open collector 2 outputs Rating: 100mA DC30VMax. NPN: Sink current PNP: Source current	
Circuit protection	Short circuit protection built-in				
Operating mode	Light-on/Dark-on selectable				
Response time	3ms Max.				
Hysteresis	10% Max.				
Light source		Red LED(650nm)	Infrared LED(880nm)	Red LED(650nm)	Infrared LED(880nm)
Indicators	Operation indicator: Orange LED, Stability: Green LED Error indicator: Red LED				
Materials		Acrylic	Polycarbonate	Acrylic	Polycarbonate
Cable	Flying lead 2m			M8 connector	
Weight (Max.)	100g Max.				

DIMENSIONS

