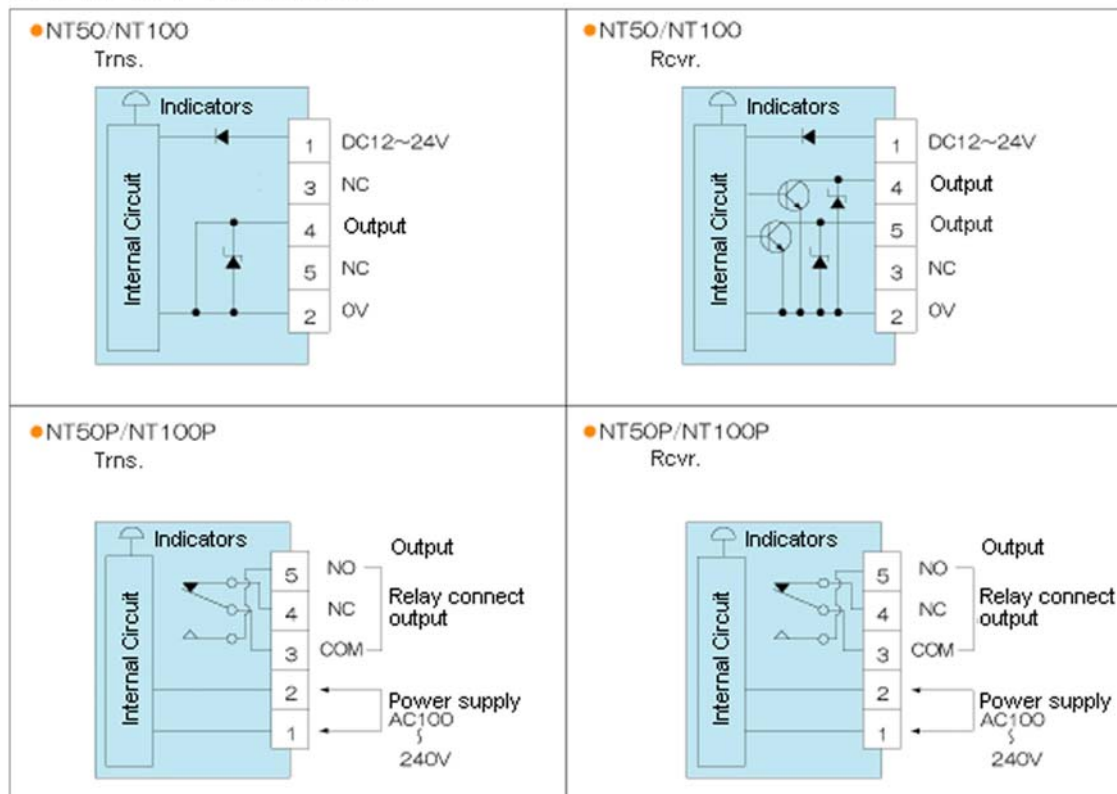


NT50/100(P) series

- Long range for through-beam sensor
- Many Option for Hood and Pinhole mask



OUTPUT CIRCUIT



SPECIFICATION

Models	Set type	NT50	NT100	NT50P	NT100P
	Trns. type	NTL50	NTL100	NTL50P	NTL100P
	Rcvr. type	NTR50	NTR100	NTR50P	NTR100P
Detection		Through beam			
Range		50m	100m	50m	100m
Object resolution		ø22mm Max.	ø28mm Max.	ø22mm Max.	ø28mm Max.
Power Supply		DC12 to 24V ±10% Ripple 10% Max.		AC100 to 240V ±10% 50/60Hz	
Current consumption / Power consumption		Trns.: 30mA Max. Rcvr.: 35mA Max.		Trns.: 5W Max. Rcvr.: 5W Max.	
Output mode		NPN open collector Sink Current 200mA (DC30V)		Max. Relay contact output 1C MAX 250V 2A (Resistance load)	
Operation mode		Light-ON Dark-ON Switching operation (by switch)			
Safety margin output		NPN open collector		-	
Response time		5ms Max.		20ms Max.	
Light source		Infrared LED (910nm)			
Indicators		Trns.: P.L: Power (Green LED) ... At power-on, light up OP.L: Monitor (Red LED) ... At emit light normaly, light up Rcvr.: OP.L: Operation (Red LED) ... At output-on, light up LEVEL: Level indicator (Three level display) LEVEL1: Yellow LED ... 2 times LEVEL2: Yellow LED ... 4 times LEVEL3: Green LED ... 8 times			
Switch		Light-ON Dark-ON	built-in SW		L.ON side ... Output at lighting D.ON side ... Output at light shielding.
Materials		Zinc dicast			
Connection		Terminal block type (screw: M3.5, width: 8.1mm)			
Weight		Trns.: 700g Rcvr.: 700g	Trns.: 800g Rcvr.: 800g	Trns.: 700g Rcvr.: 700g	Trns.: 800g Rcvr.: 800g

DIMENSIONS

