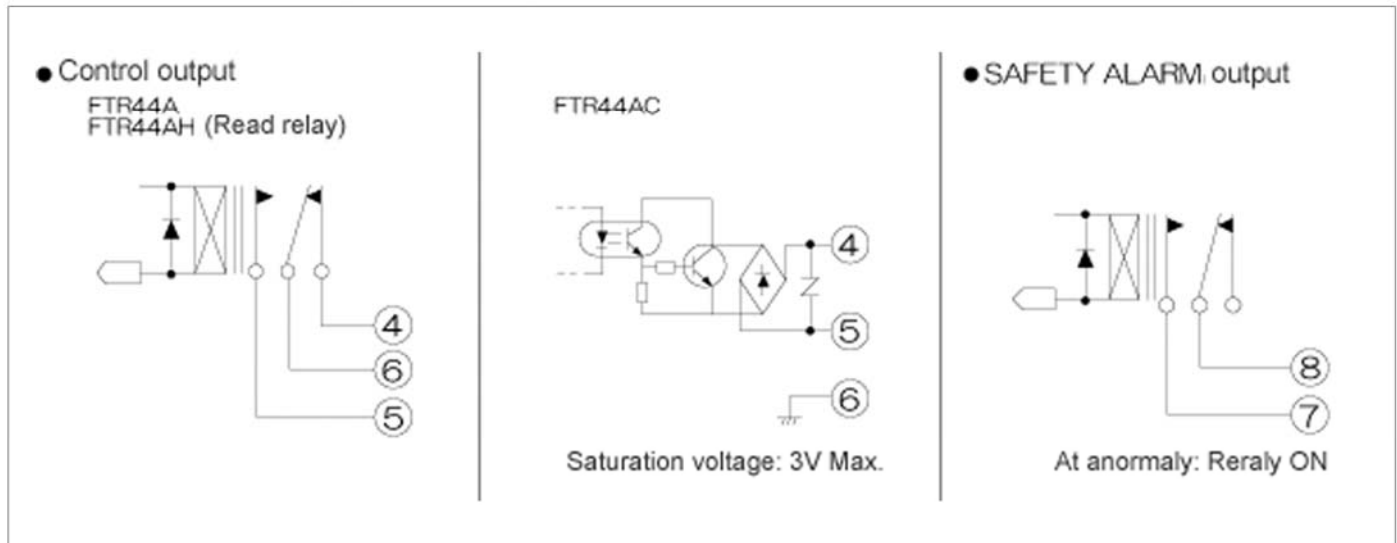


# FT44A series

- High power laser type is available.
- Withstand 200 °C without cooling
- 5 point level indicator for sensitivity
- Highly durable detector unit
- Self check Function(safety function) built-in
- Various hoods are available



## OUTPUT CIRCUIT



# SPECIFICATION

Range	50m Max.		
Valid lens diameter	Optical head OHA: 28mm DIA		
Min. object resolution	Optical head OHA: 30mm / DIA Optical head OH2: 60mm DIA		
Power Supply	AC100 to 220V +10%, -15% 50/60Hz		
Power consumption	Trns.: 10W Max., Rcvr.: 10W Max.		
Usage ambient temp	Optical head, Fiber unit: -25 to +200°C / Amp. unit: -25 to +55°C (Non freezing)		
Connection	Connector cable 2m (CVV 0.75mm <sup>2</sup> )		
Storage temp. range	-40 to +70°C (Non condensing)		
Usage ambient humidity	35 to 85%RH (Non condensing)		
Fiber-optic unit allowable bending radius	50mm		
Insulating resistance	Power - Case: at DC500VM 20M ohmMax. Output - Case: at DC500VM 20M ohm Max. Power - Output: at DC500VM 20M ohm Max.		
Voltage endurance	Power - Case: AC1500V per minute Output - Case: AC1500V per minute / Unless, Lead relay - Output: AC1000V per minute Power - Output: AC1500V per minute / Unless, Lead relay - Output: AC1000V per minute		
Resistance to vibration	10 to 55Hz, Double oscillation 1.5mm X, Y, Z 3ways 2hours on each		
Shock endurance	490m/s <sup>2</sup> X, Y, Z 3ways 3times on each		
Protective construction	IP66		
	Optical head	OHA: 680g F38S: 0.2kg F38S-04: 0.5kg 302NC: 0.5kg 703L: 3.3kg	OH2: 2.5kg F38S-03: 0.4kg F38S-05: 0.6kg F70N: 1.8kg 303NC: 0.6kg
	Air less hood		
	Air purge hood		
	Fiber unit FG series	FG2: 0.6kg FG4: 1.0kg FG7: 1.8kg	FG3: 0.8kg FG5: 1.3kg FG10: 2.4kg
	Amp unit	Trns.: 1.5kg	Rcvr.: 1.5kg

# DIMENSIONS

