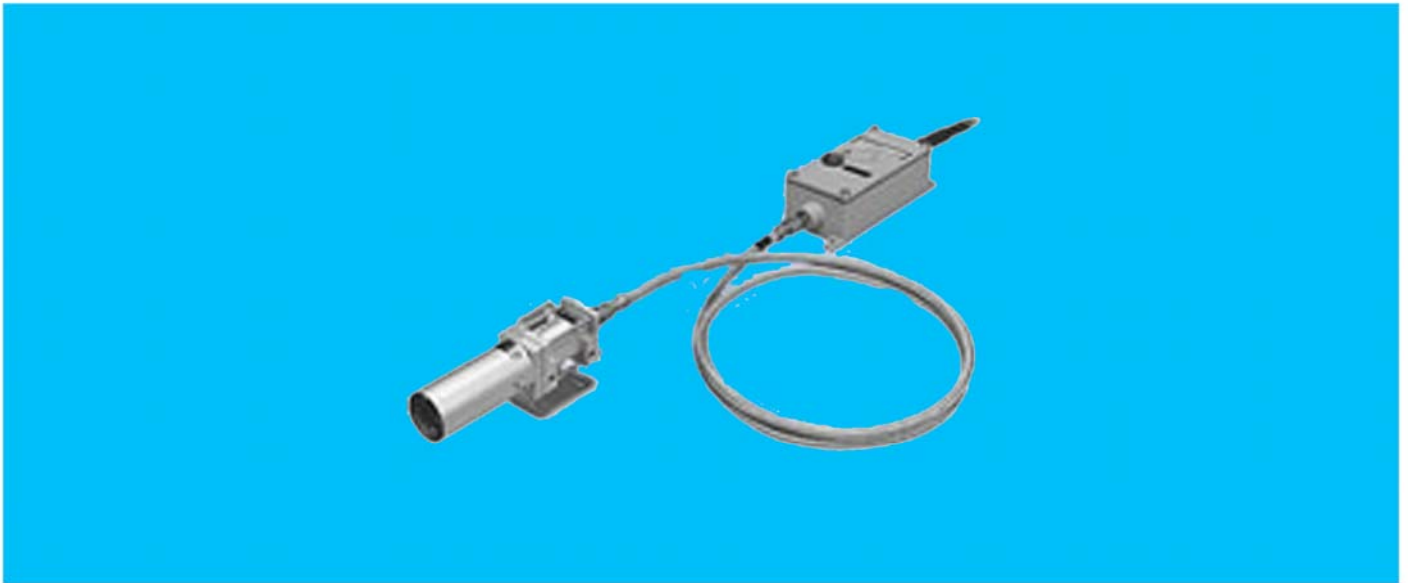


# FT10A series

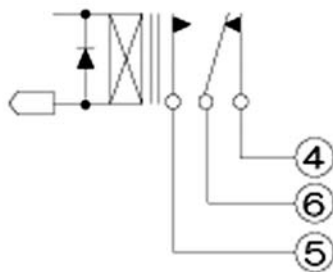
- Withstand 200 °C without cooling
- 5 point level indicator for sensitivity
- Highly durable detector unit
- Self check Function(safety function) built-in
- Various hoods are available



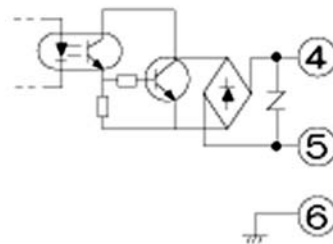
## OUTPUT CIRCUIT

### ● Control output

FTR10A  
FTR10AH (Read relay)

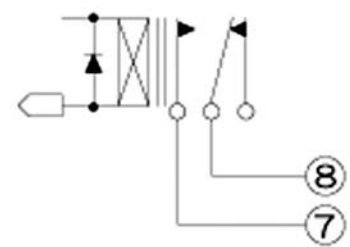


FTR10AC



Saturation voltage: 3V Max.

### ● SAFETY ALARM output



At anomaly: Reraly ON

# SPECIFICATIONS

Model	FT10A		
Valid lens diameter	28mm DIA		
Min. object resolution	28mm DIA		
Power Supply	AC100 to 220V +10%, -15% 50/60Hz		
Power consumption	Trns.: 10W Max., Rcvr.: 10W Max.		
Connection	Connector cable 2m (CVV 1.25mm <sup>2</sup> )		
Usage ambient temperature	Optical head, Fiber unit: -25 to +200°C / Amp. unit: -25 to +55°C (Non freezing)		
Storage temperature range	-40 to +70°C (Non condensing)		
Usage ambient humidity	35 to 85%RH (Non condensing)		
Insulating resistance	Power -Case: at DC500VM 20M ohmMax.		
Fiber-optic unit allowable bending radius	50mm		
Voltage endurance	Output - Case: at DC500VM 20M ohm Max.		
	Power - Output: at DC500VM 20M ohm Max.		
Resistance to vibration	Power - Case: AC1500V per minute		
	Output - Case: AC1500V per minute		
	Unless, Lead relay - Output: AC1000V per minute		
	Power - Output: AC1500V per minute		
Shock endurance	Unless, Lead relay - Output: AC1000V per minute		
	10 to 55Hz, Doble oscillation 1.5mm X, Y, Z 3ways 2hours on each		
Protective construction	IP66		
Range	Optical fiber unit / Length: 2m...40m Max. / 5m...30m Max. / 10m...20m Max.		
Weight	Optical head	OHA: 680g	
	Air less hood	F38A: 240g / F38A-04: 550g	F38A-03: 430kg / F38A-05: 650kg
	Air purge hood	F38PC-02: 240g F38PC-04: 370g	F38PC-03: 300g F38PC-05: 440g
	Fiber unit	FG2: 0.6kg FG5: 1.3kg	FG3: 0.8kg / FG7: 1.8kg FG10: 2.4kg / FG4: 1.0kg
	Amp unit	Trns.: 1.5kg	Rcvr.: 1.5kg

# DIMENSIONS

