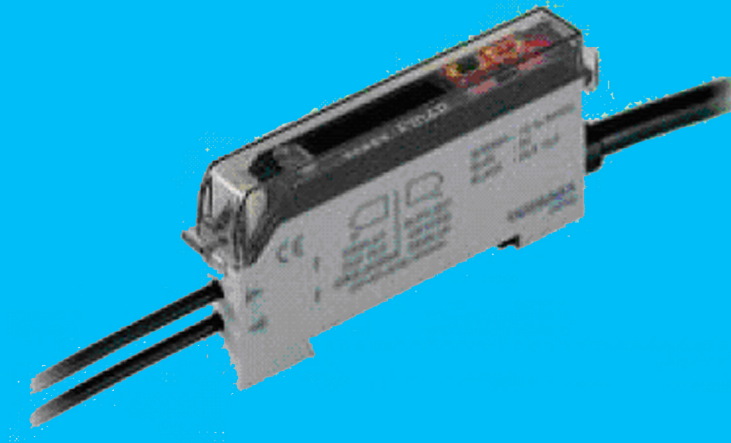


F70T series

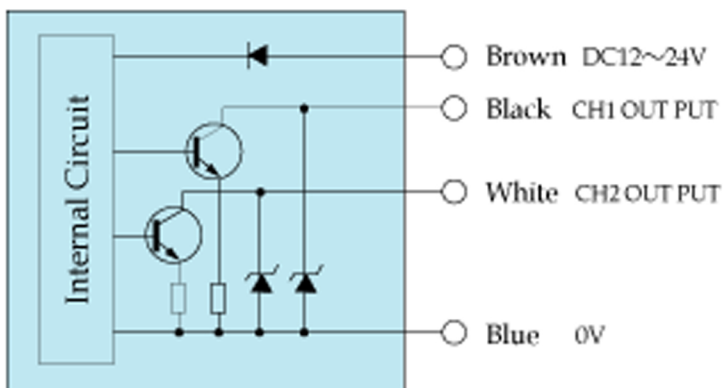
Fiber Optic Sensors

- Two point output and area output mode are equipped.
- An advanced function of F70 is succeeded, and, in addition, the detection specification is improved.

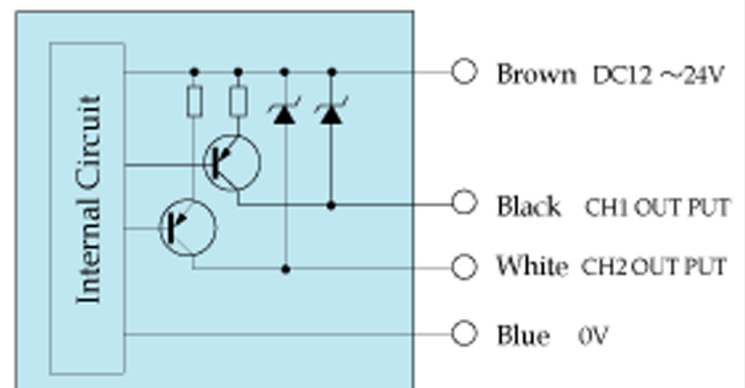


OUTPUT CIRCUIT

●NPN OUTPUT TYPE



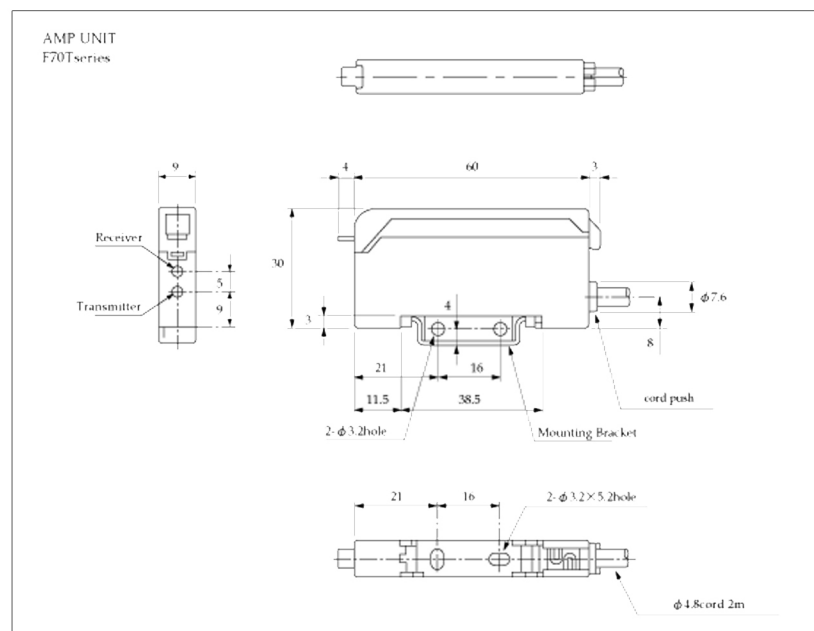
●PNP OUTPUT TYPE



SPECIFICATIONS

	NPN	F70TR	F70TG	F70TB	F70TW
	PNP	F70TRPN	F70TGPN	F70TBPN	F70TWPN
Detection		Through beam/Reflective(by fiber unit)			
Range		Depending on fiber unit			
Power supply		12 to 24VDC±10%, Ripple 10% Max.			
Current consumption		NPN type: 39mA, PNP type: 50mA			
Output mode	NPN	CH1: Open collector output, Rating : Sink current 100mA (DC30V) Max. CH2: Open collector output, Rating : Sink current 50mA (DC30V) Max.			
	PNP	CH1: Open collector output, Rating : Source current 100mA (DC30V)Max. CH2: Open collector output, Rating : Source current 50mA (DC30V)Max.			
Operating mode		Light-On/Dark-On selectable			
Time delay		OFF delay 40ms fixed			
Response time		1ms Max.			
Light source		Red LED(680nm)	Green LED(565nm)	Blue LED(470nm)	WHITE(450~750nm)
Indicators		Operating: CH1 = Green LED, CH2 = Orange LED			
Display		LCD with back light			
Switch		Setting button : 2 Operating changeover switch : RUN / SELECT / MODE			
Teaching system		Full auto teaching/Auto teaching			
Teaching input		Setting button / External input			
Circuit protection		Built-in			
Materials		Polycarbonate			
Cable		Flying lead (Outer dia 4.8mm) 2m length			
Weight (Max.)		80g			
Light source		Red LED(680nm)			

DIMENSIONS



HOW TO CONNECT

