



FU-F38

Definite-reflective model Film Fiber Unit Short Type

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model	FU-F38	
Type	Definite-reflective model	
Standard detection object	Mirrored surface with a reflectivity of approximately 98%	
Detection distance	TERA	0.3 to 2.3 mm 0.0118" to 0.0906"*1
	MEGA	
	ULTRA	0.3 to 2.2 mm 0.0118" to 0.0866"*1
	SUPER	0.3 to 2.1 mm 0.0118" to 0.0827"*1
	TURBO	0.4 to 1.9 mm 0.0157" to 0.0748"*1
	FINE	0.5 to 1.7 mm 0.0197" to 0.0669"*1
	HSPD	0.7 to 1.3 mm 0.0276" to 0.0512"*1
	S-HSPD	—*1
Minimum bend radius	Fiber cable	R4 mm R0.14" or more
	Film fiber	No bending*2
Tightening torque	Tip detector/relay case	4.3 cN·m (M1.6)
Length	Fiber cable	Approx. 1000 mm 39.37" (free-cut)
	Film fiber	Approx. 26 mm 1.02"
Environmental resistance	Ambient temperature	-20°C to 60°C -4°F to 140°F (No freezing)
	Relative humidity	35 to 85% RH (No condensation)
Material	Fiber cable	Fiber coating: Polyethylene, Fiber core: Acrylic
	Relay case	PC, SUS304
	Film fiber	Polyimide, Special optical resin, SUS304
Accessories	Fiber cutter, FU adapter, Usage Precautions sheet	
Weight	Approx. 3 g	

*1 Values are for FS-N40 Series devices with standard detectable objects.

*2 Do not fix the fiber in a bent state for use. Temporary bends of R10 mm R0.39" or more are possible during handling (does not apply to tip detector).

