



FU-F38W

Definite-reflective model Film Fiber Unit Middle 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-F38W
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. 61 mm 2.40"
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

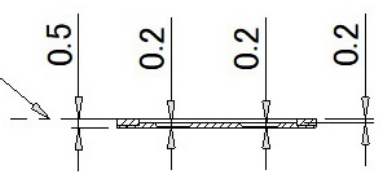
^{*1} Values are for FS-N40 Series devices with standard detectable objects.
^{*2} Do not fix the fiber in a bent state for use. Temporary bends of R10 mm R0.39" or more are possible during handling (does not apply to tip detector).

* Download CAD file or product manual for larger image/text and more detail.

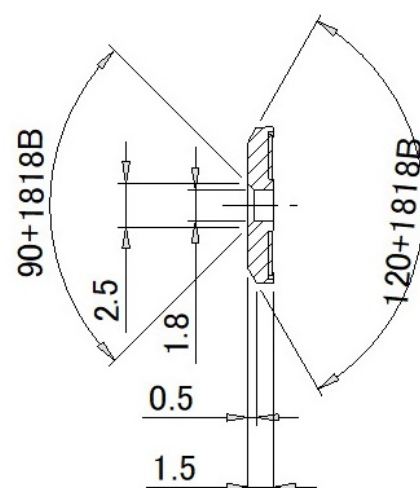
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Detail A (2:1)



Section D-D (2:1)



Section B-B (2:1)

Section C-C (2:1)