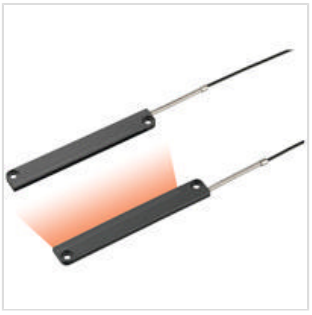


FU-A100

Fiber Unit Thrubeam type

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

Specifications

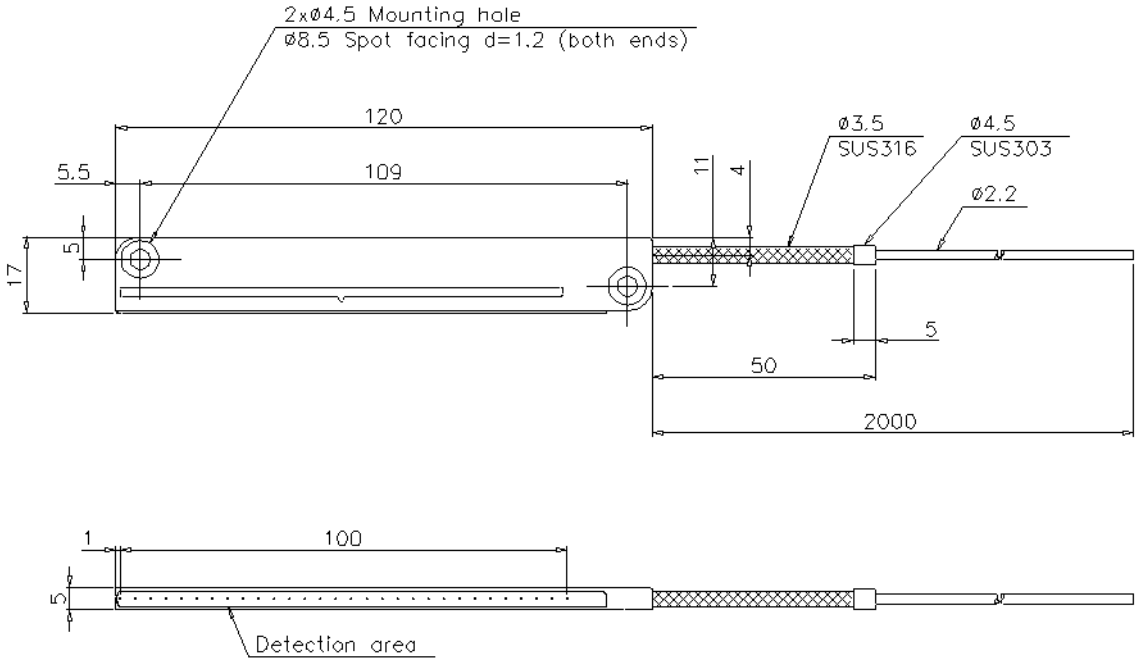
Model		FU-A100*1
Type		Array thrubeam 100 mm 3.94" type
Optical axis area (Standard detection target) (mm inch)		100 × 0.25 mm3.937" × 0.01"
Fibre unit length		2 m 6.6' *2 (Free-cut) ø2.2 mm ø0.09" Spiral parts cannot be cut
Minimum bend radius		R10 mm0.394"
Minimum detectable object		ø6 mm ø0.24" opaque object*3
Tightening torque		0.75 N·m
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	-20 to +50 °C -4 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
Material		Case : Die-cast zinc, Detecting surface : PBT, Core fiber : Acrylic, Fiber sheath : Polyethylene
Accessories		Fiber cutter, Mounting screws (M4 X L8, 4 units)
Weight		Approx. 110 g

*1 For details on the detecting distance, see the fiber amplifier catalog.
*2 A 5 m 16.4' type is also available. Contact your nearest KEYENCE sales office.
*3 The minimum detectable object was determined at the optimal detecting distance and sensitivity setting.

Dimensions

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

FU-A100



Case material : Zinc die-casting

*Supplied screw (M4,L=8)

Detail of detection area

