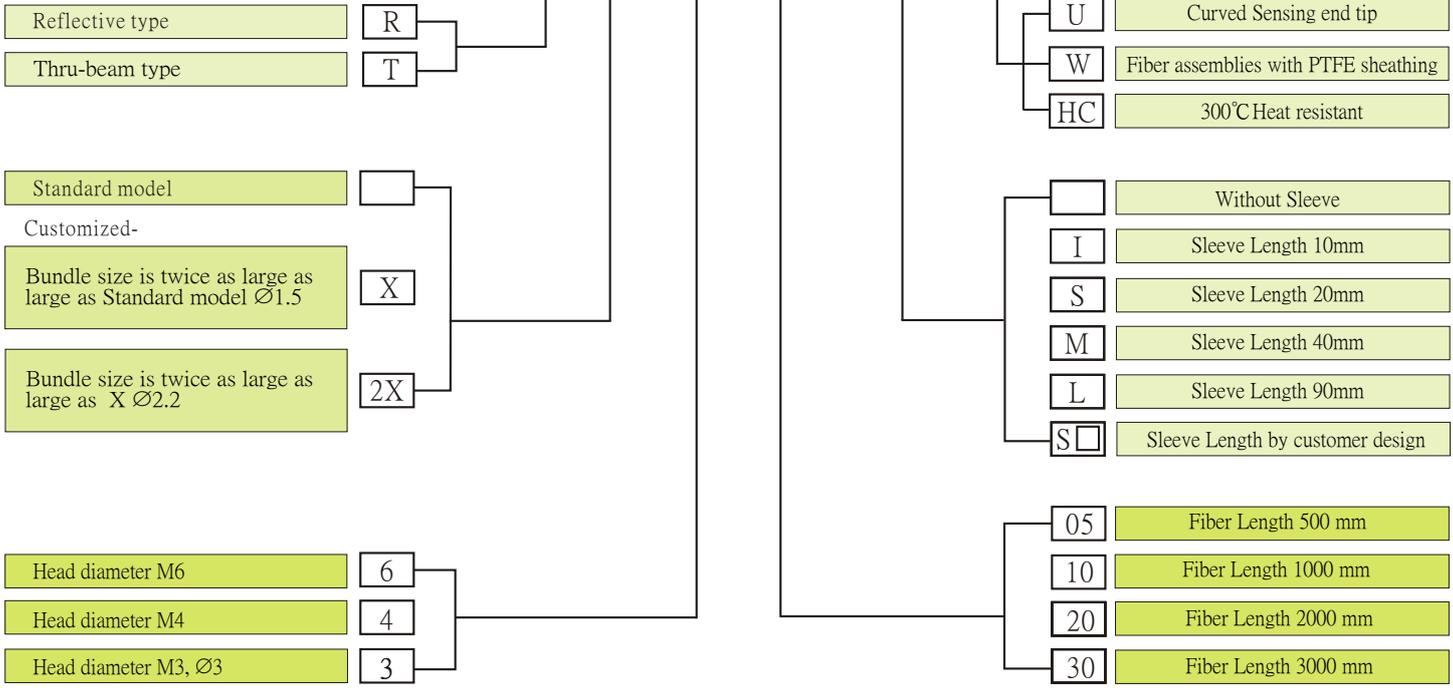
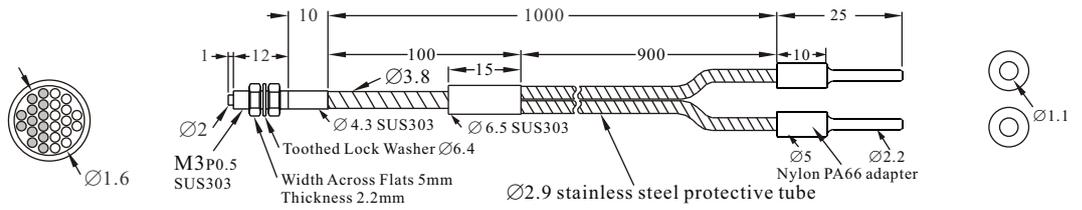


◆ **Order Information :**

F G - 6 10 - -



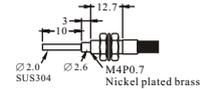
FGR-310



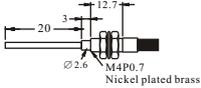
Fiber material	Glass Fiber	Wavelength	380~1300nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4μm
Operate temperature	-40°C~+250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

FGR-410

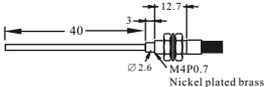
FGR-410-I



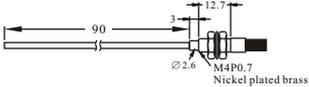
FGR-410-S



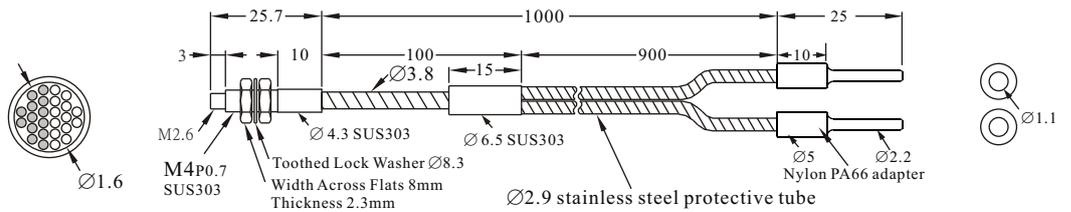
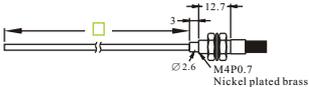
FGR-410-M



FGR-410-L

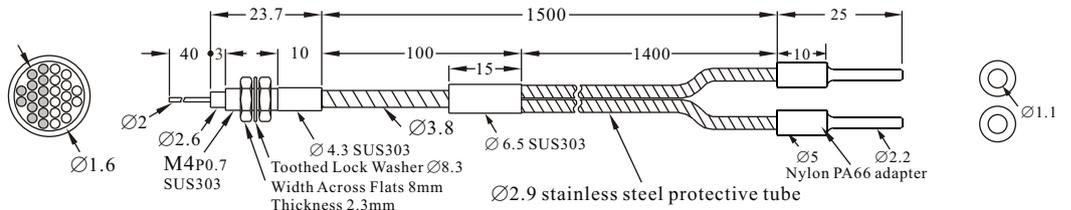


FGR-410-S□



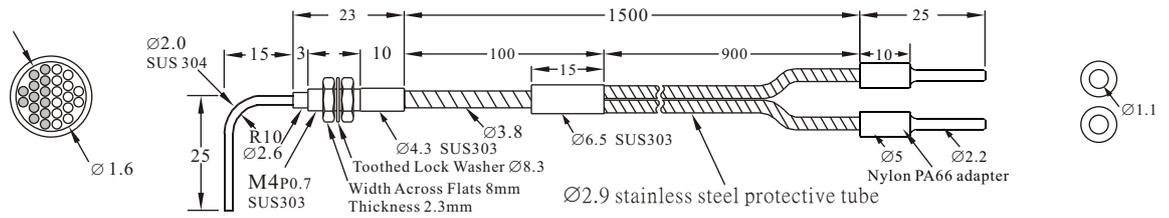
Fiber material	Glass Fiber	Wavelength	380~1300nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4μm
Operate temperature	-40°C~+250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

FGR-415-M



Fiber material	Glass Fiber	Wavelength	380~1300nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4μm
Operate temperature	-40°C~+250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

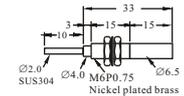
FGR-415-MU



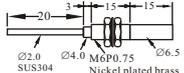
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

FGR-610

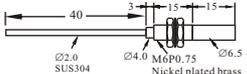
FGR-610-I



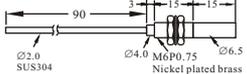
FGR-610-S



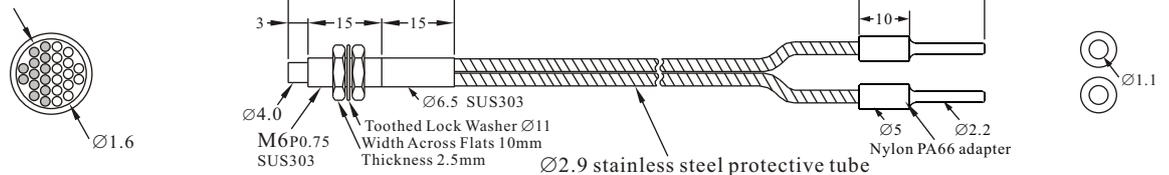
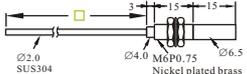
FGR-610-M



FGR-610-L

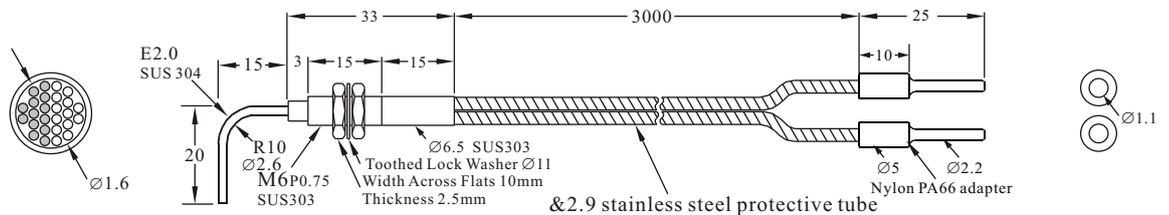


FGR-610-S□



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

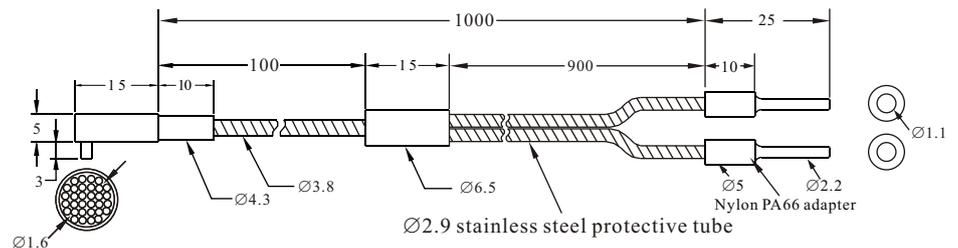
FGR-630-SU



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

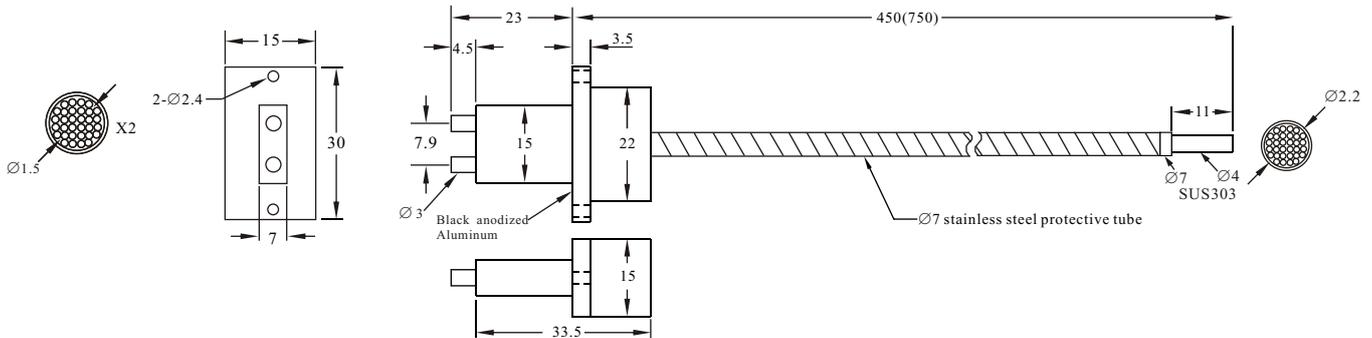
Reflective Type

FGR-11-10



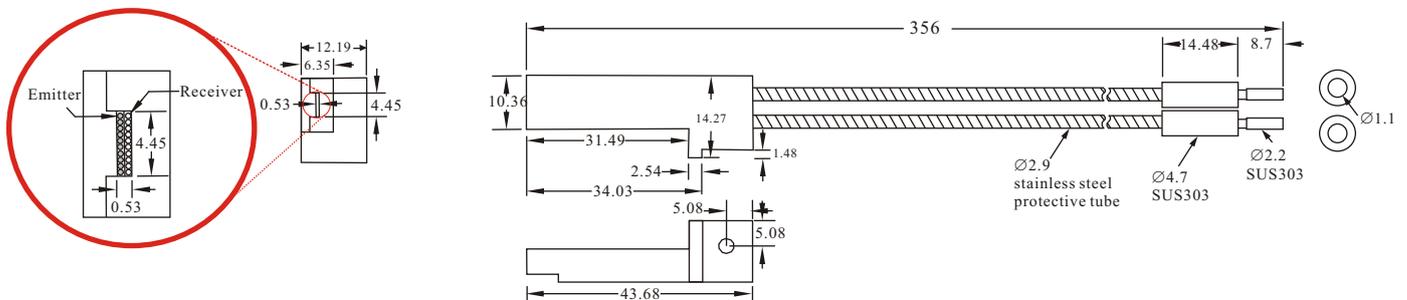
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

FGRX-LT31-45/75



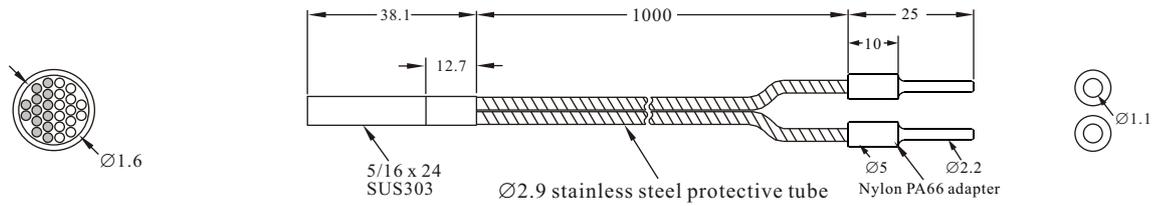
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø2.2
Minimum bending radius	R23		

FGR-A355ML



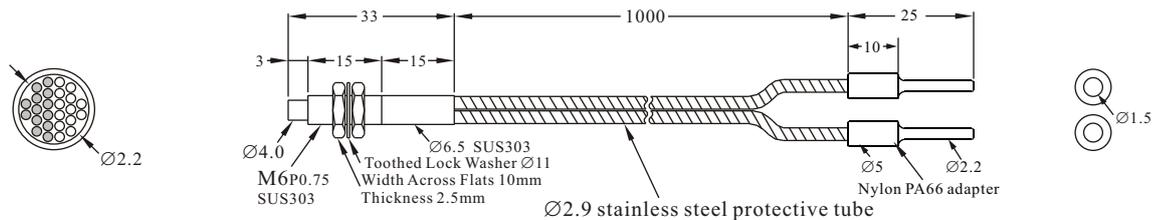
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Minimum bending radius	R23
		Sensing distance/FZ-KP2	30mm

FGR-810



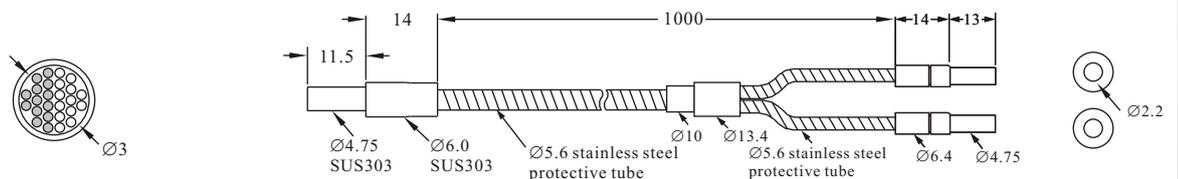
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø 1.6
Minimum bending radius	R23	Sensing distance/FZ-KP2	80mm

FGRX-610



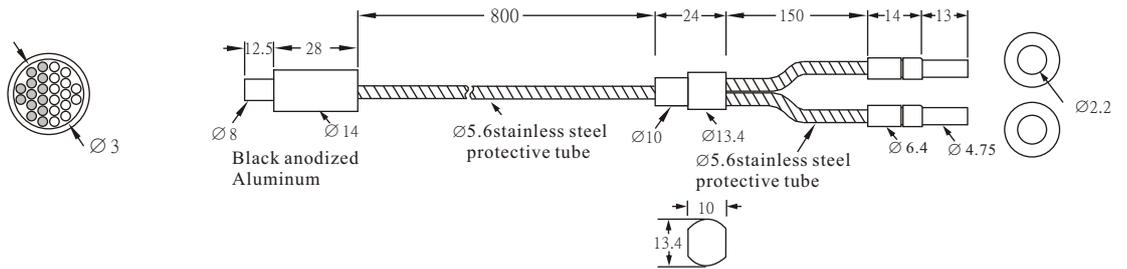
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø2.2
Minimum bending radius	R23	Sensing distance/FZ-KP2	120mm

FGR-047013(FGR-4747-10)



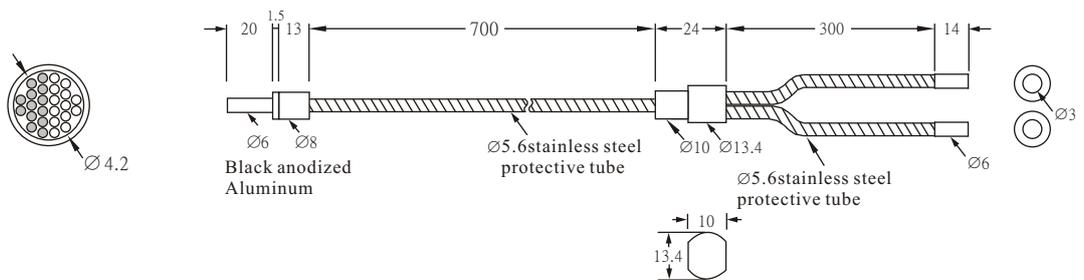
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø2.2	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R19		

FGR-4708-10



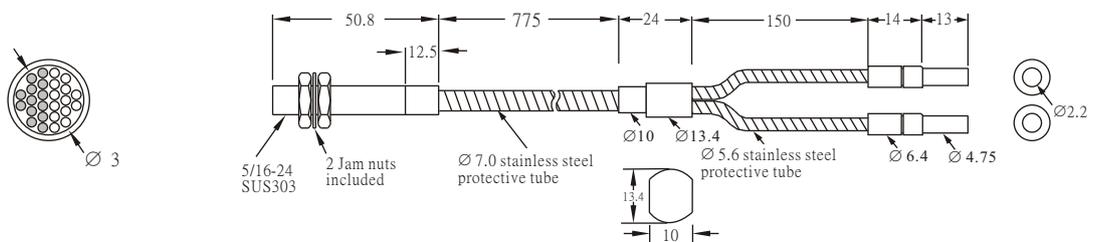
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø2.2	Individual fiber diameter	50 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R19		

FGR3-0606-10



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3.0	Individual fiber diameter	70 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø4.2
Minimum bending radius	R19		

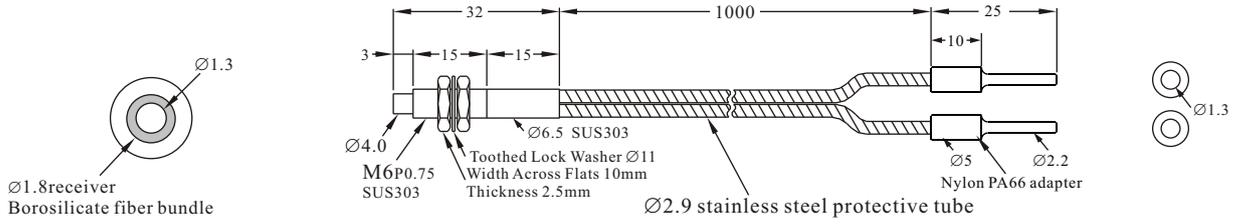
FGR3-BT23SM900



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø2.2	Individual fiber diameter	50 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R24		

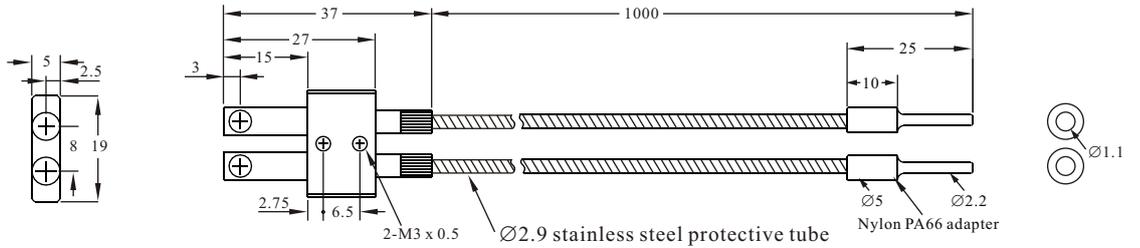
Reflective Type

FGRC-610



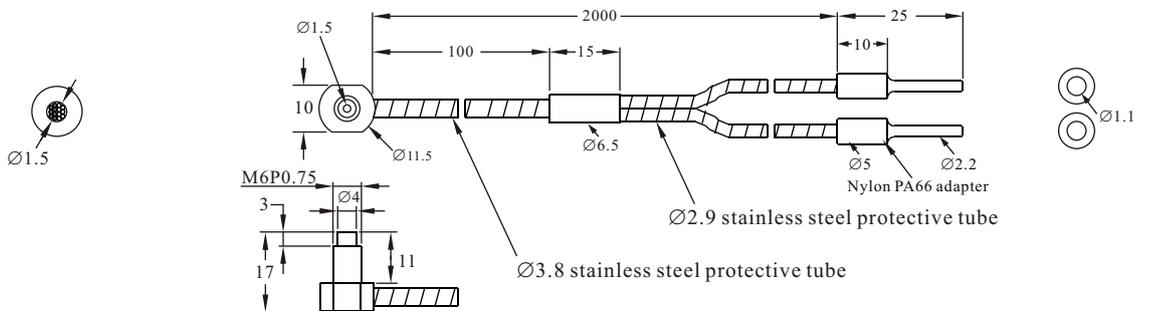
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.3	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.8
Minimum bending radius	R23	Sensing distance/FZ-KP2	60mm

FGR-38K-10



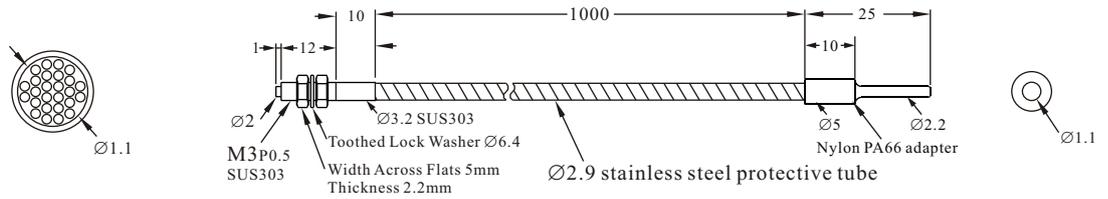
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	50 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.1
Minimum bending radius	R23	Sensing distance/FZ-KP2	5~18mm

FGR-67TG-20



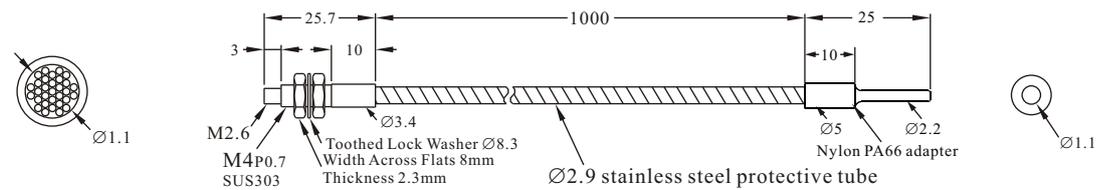
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	50 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.5
Minimum bending radius	R24	Sensing distance/FZ-KP2	80mm

FGT-310



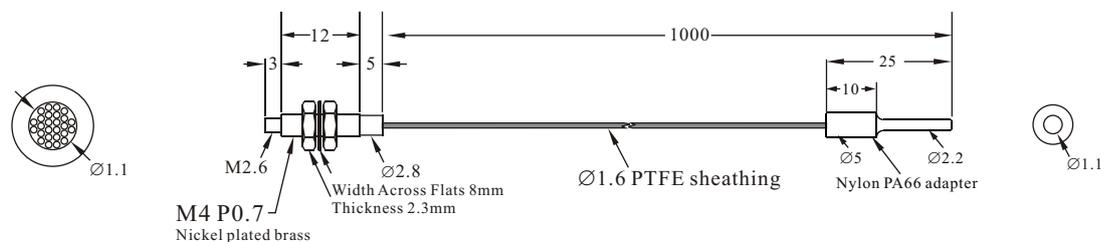
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.1
Minimum bending radius	R23	Sensing distance/FZ-KP2	360mm

FGT-410



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.1
Minimum bending radius	R23	Sensing distance/FZ-KP2	360mm

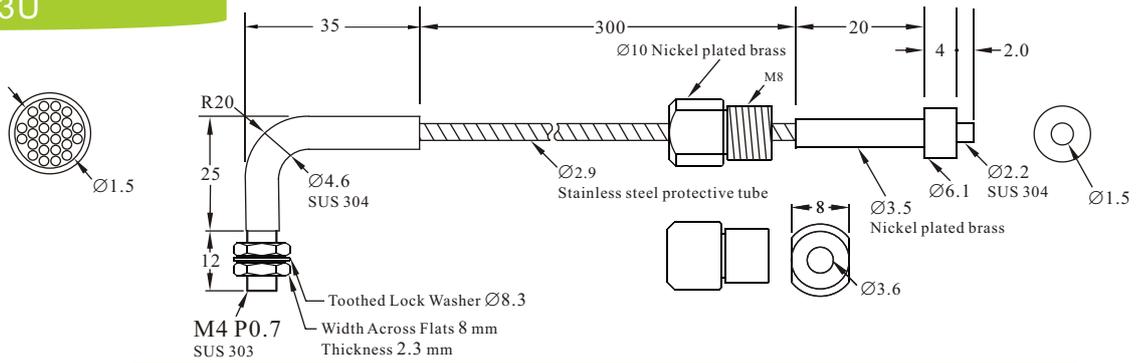
FGT-410W



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.1	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.1
Minimum bending radius	R10	Sensing distance/FZ-KP2	360mm

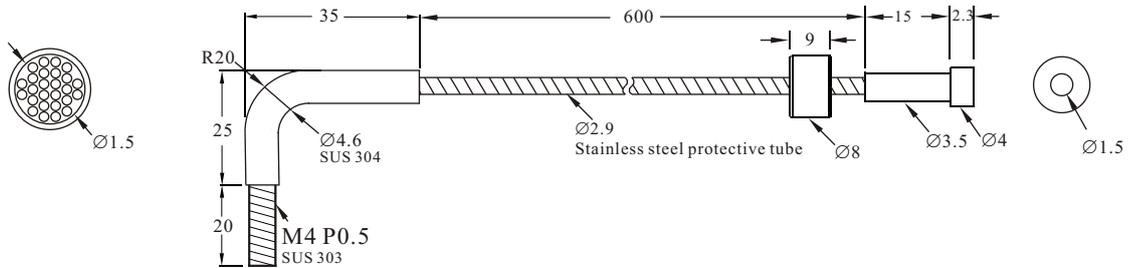
Thrubeam Type

FGTX-403U



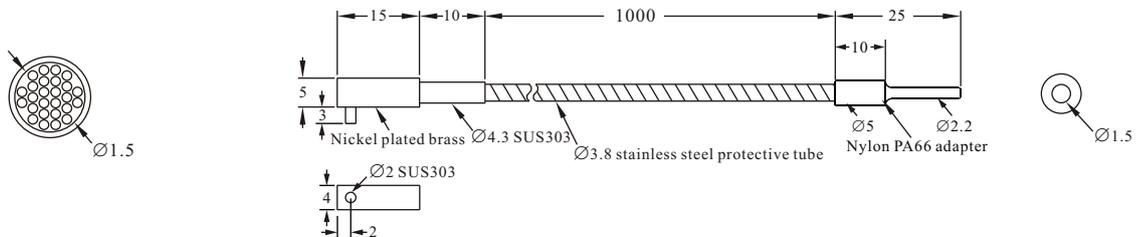
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	- 40°C ~ + 250°C	Active area diameter	Ø1.5
Minimum bending radius	R23		

FGTX-406-U01



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	- 40°C ~ + 250°C	Active area diameter	Ø 1.5
Minimum bending radius	R23		

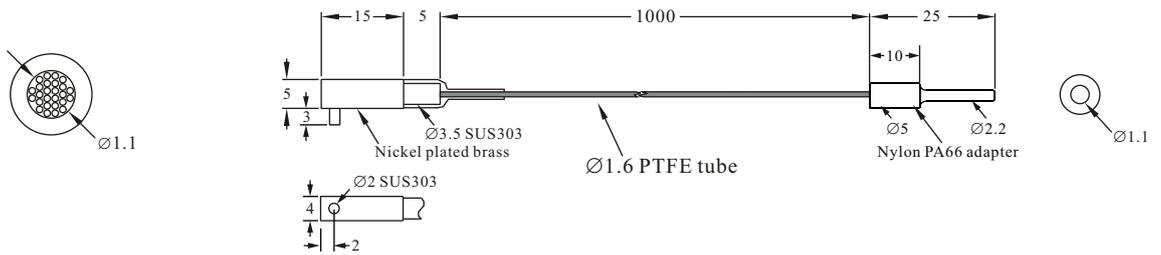
FGT-11-10



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53 μm ± 4 μm
Operate temperature	- 40°C ~ + 250°C	Active area diameter	Ø1.5
Minimum bending radius	R23	Sensing distance/FZ-KP2	500mm

Thrubeam Type

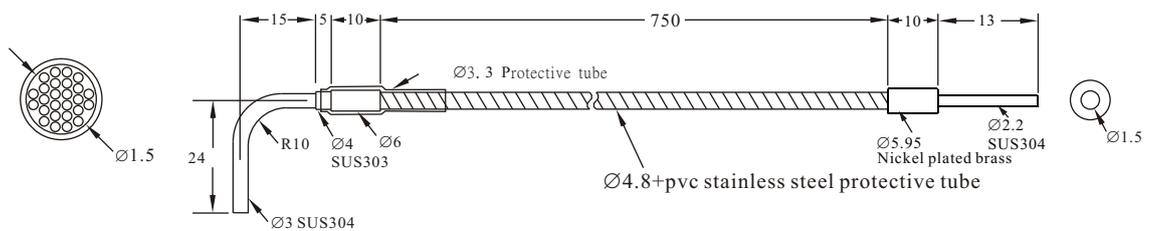
FGT-11W-10



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	$\varnothing 1.1$	Individual fiber diameter	$53 \mu\text{m} \pm 4 \mu\text{m}$
Operate temperature	$-40^{\circ}\text{C} \sim +250^{\circ}\text{C}$	Active area diameter	$\varnothing 1.1$
Minimum bending radius	R10	Sensing distance/FZ-KP2	360mm

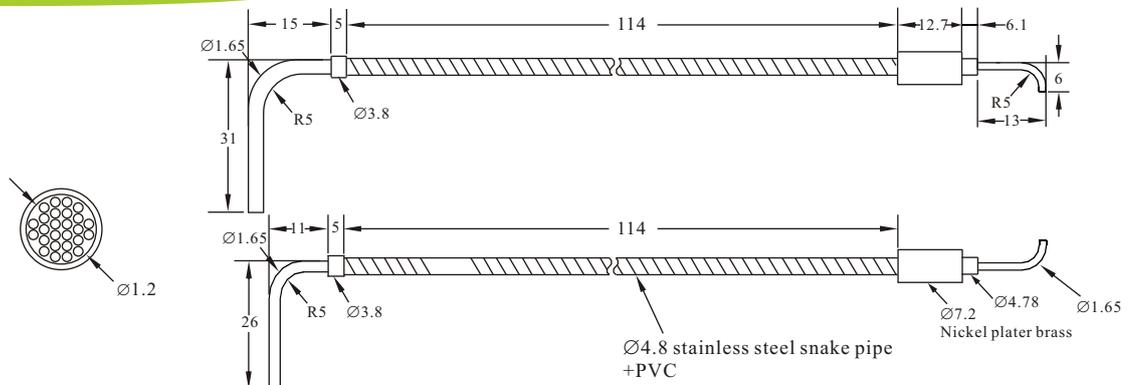
FGT-12

(One fiber only)



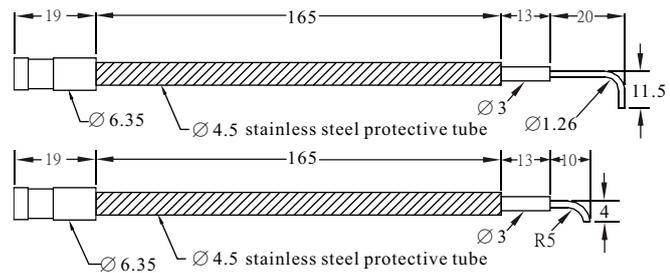
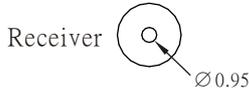
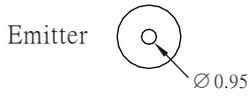
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	$\varnothing 1.5$	Individual fiber diameter	$53 \mu\text{m} \pm 4 \mu\text{m}$
Operate temperature	$-40^{\circ}\text{C} \sim +250^{\circ}\text{C}$	Active area diameter	$\varnothing 1.5$
Minimum bending radius	R23	Sensing distance/FZ-KP2	500mm

FGT-13



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	$\varnothing 1.2$	Individual fiber diameter	$53 \mu\text{m} \pm 4 \mu\text{m}$
Operate temperature	$-40^{\circ}\text{C} \sim +250^{\circ}\text{C}$	Active area diameter	$\varnothing 1.2$
Minimum bending radius	R23		

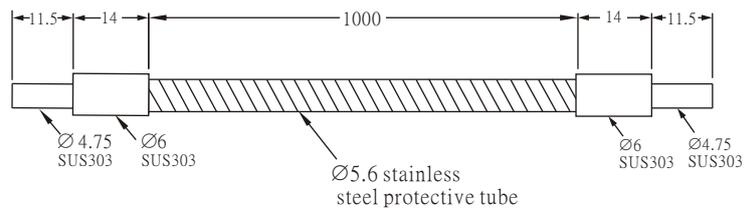
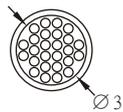
FGT-16



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø0.95	Individual fiber diameter	25µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø0.95
Minimum bending radius	R18		

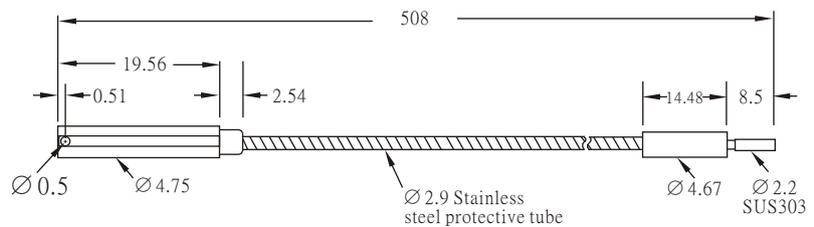
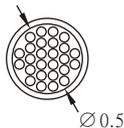
FGT-4747-10

(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3	Individual fiber diameter	70 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R19		

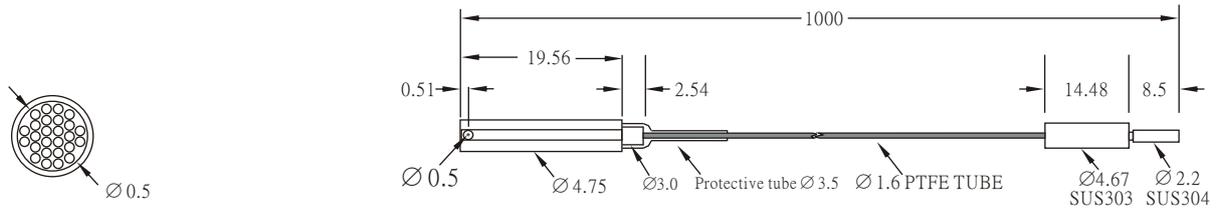
FGT-475D



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø0.5	Individual fiber diameter	25µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø0.5
Minimum bending radius	R23	Sensing distance/FZ-KP2	50mm

Thrubeam Type

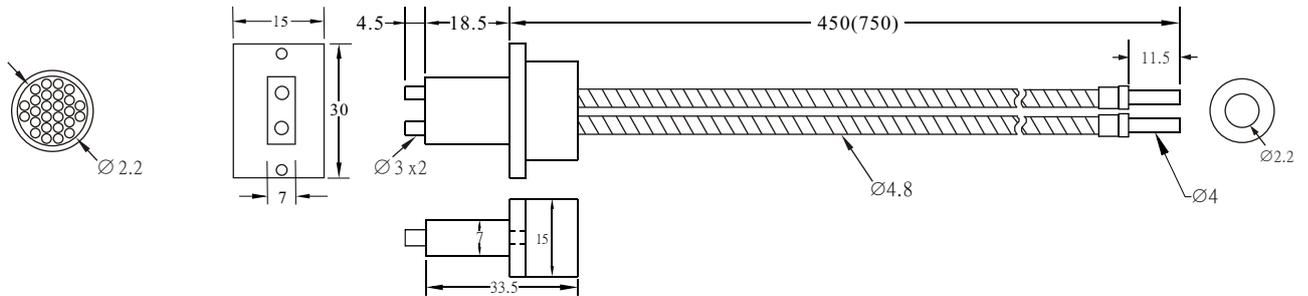
FGT-475DW-10



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø0.5	Individual fiber diameter	25µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø0.5
Minimum bending radius	R10	Sensing distance/FZ-KP2	50mm

FGT2-LM32-45/75-10

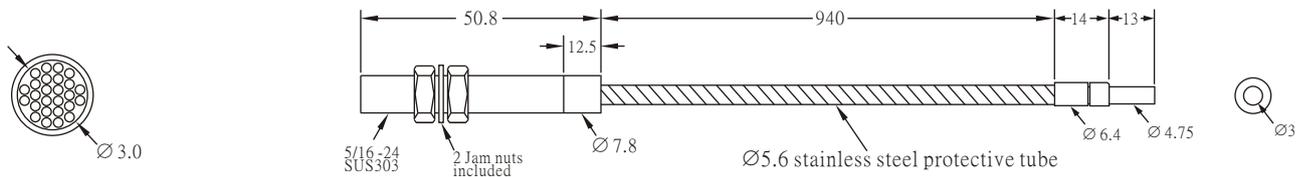
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø2.2	Individual fiber diameter	50 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø2.2
Minimum bending radius	R18		

FGT3-IT23SM900

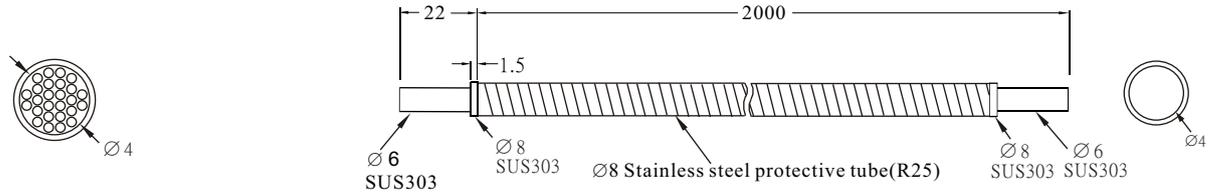
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3.0	Individual fiber diameter	70µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R19		

FGT-0606-20

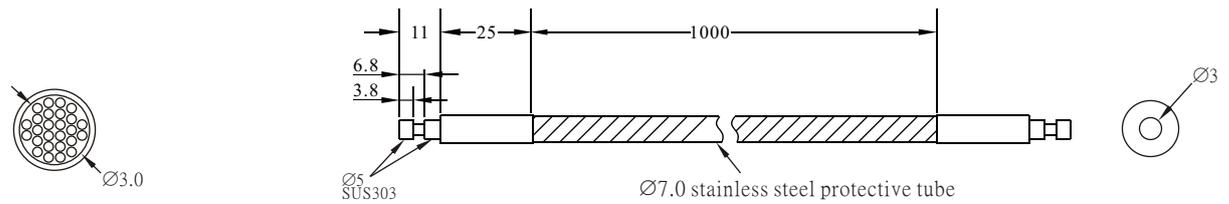
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø4	Individual fiber diameter	70µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø4
Minimum bending radius	R25		

FGT3-0505-10

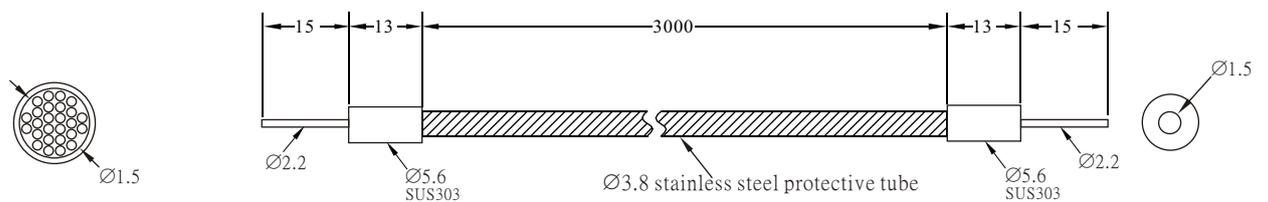
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3.0	Individual fiber diameter	70 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R20		

FGTX-5656-30

(One fiber only)

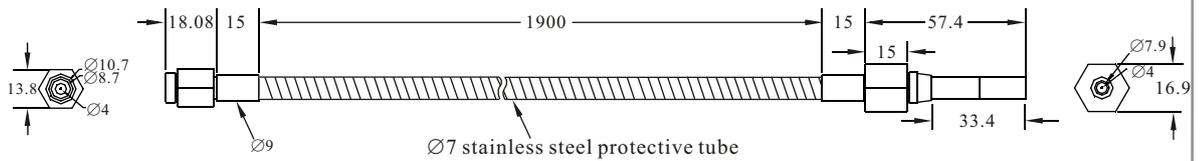


Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø1.5	Individual fiber diameter	53µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø1.5
Minimum bending radius	R20		

Thrubeam Type

FGT4-08M12-20

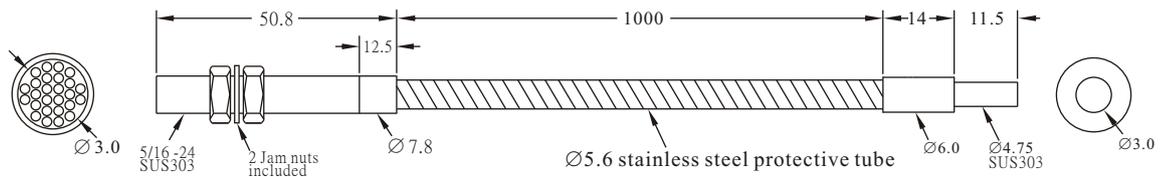
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø4.0	Individual fiber diameter	70µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø4
Minimum bending radius	R24		

FGT-4708-10

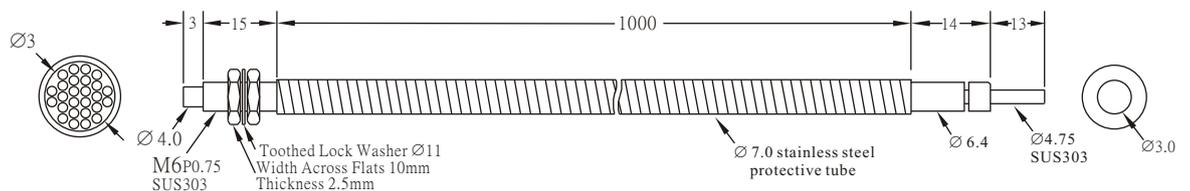
(One fiber only)



Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3.0	Individual fiber diameter	70 µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R23		

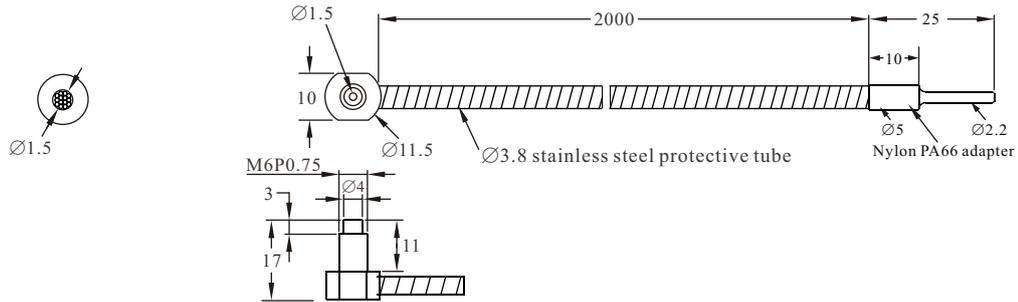
FGT-4706-10

(One fiber only)



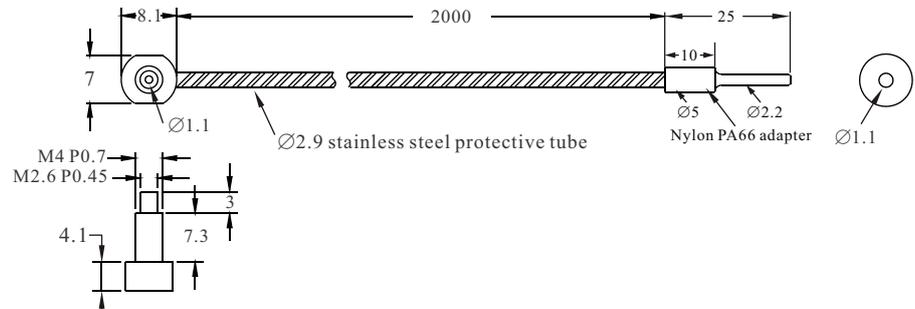
Fiber material	Glass Fiber	Wavelength	380 ~ 1300 nm
Fiber diameter d	Ø3.0	Individual fiber diameter	70µm ± 4 µm
Operate temperature	-40°C ~ +250°C	Active area diameter	Ø3
Minimum bending radius	R24		

FGTX-67TG-20



Fiber material	Glass Fiber	Wavelength	380~1300nm
Fiber diameter d	Ø1.5	Individual fiber diameter	50 μm ± 4μm
Operate temperature	-40°C~+250°C	Active area diameter	Ø1.5
Minimum bending radius	R24	Sensing distance/FZ-KP2	500mm

FGT-77TG-20



Fiber material	Glass Fiber	Wavelength	380~1300nm
Fiber diameter d	Ø1.1	Individual fiber diameter	50 μm ± 4μm
Operate temperature	-40°C~+250°C	Active area diameter	Ø1.1
Minimum bending radius	R24	Sensing distance/FZ-KP2	250mm