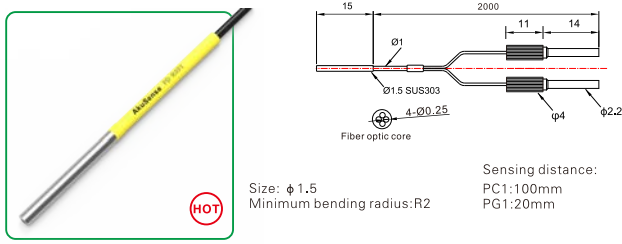


Diffuse reflection

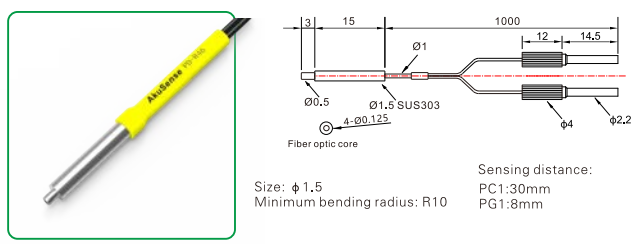
PD-R49Y



Size: $\phi 1.5$
Minimum bending radius: R2

Sensing distance:
PC1:100mm
PG1:20mm

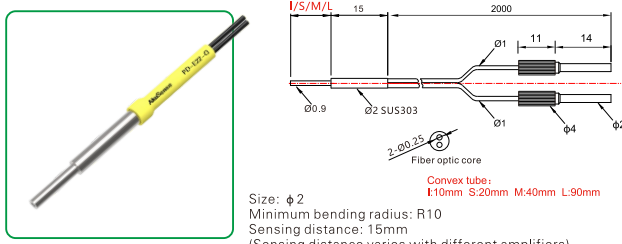
PD-R46



Size: $\phi 1.5$
Minimum bending radius: R10

Sensing distance:
PC1:30mm
PG1:3mm

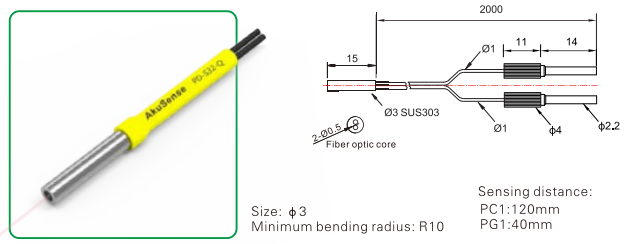
PD-E22-Q-I/S/M/L



Size: $\phi 2$
Minimum bending radius: R10
Sensing distance: 15mm
(Sensing distance varies with different amplifiers)

Convex tube:
L:10mm S:20mm M:40mm L:90mm

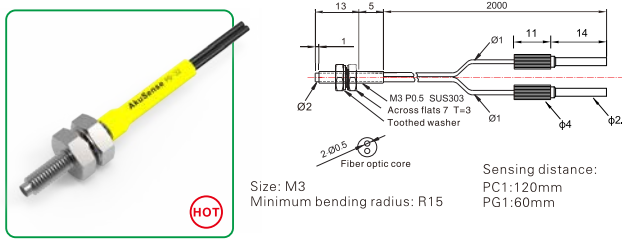
PD-S32-Q



Size: $\phi 3$
Minimum bending radius: R10

Sensing distance:
PC1:120mm
PG1:40mm

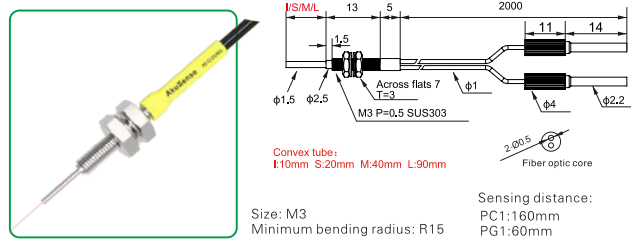
PD-32



Size: M3
Minimum bending radius: R15

Sensing distance:
PC1:120mm
PG1:60mm

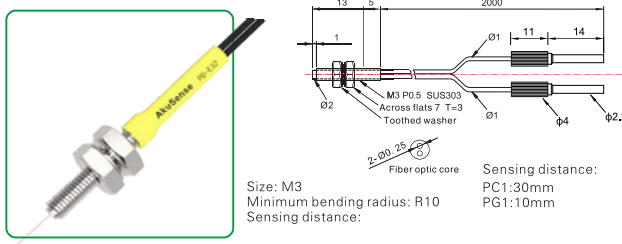
PD-32-I/S/M/L



Size: M3
Minimum bending radius: R15

Sensing distance:
PC1:160mm
PG1:60mm

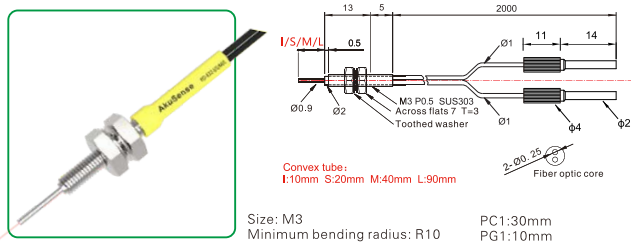
PD-E32



Size: M3
Minimum bending radius: R10
Sensing distance:

Sensing distance:
PC1:30mm
PG1:10mm

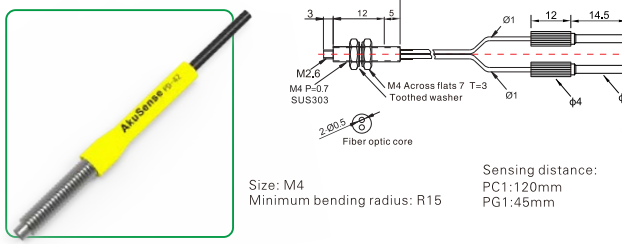
PD-E32-I/S/M/L



Size: M3
Minimum bending radius: R10

PC1:30mm
PG1:10mm

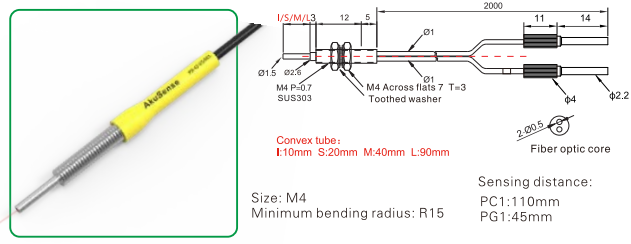
PD-42



Size: M4
Minimum bending radius: R15

Sensing distance:
PC1:120mm
PG1:45mm

PD-42-I/S/M/L



Size: M4
Minimum bending radius: R15

Sensing distance:
PC1:110mm
PG1:45mm

Fiber Optic

Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vision
Vibration
Temperature
Annexes

Guidance

Fiber amplifiers
Standard economical
High stability
High performance type
High speed response

Fiber components

Popular type
Array-type
Flat bracket type
Side-view type
High elastic type
High temperature resistant
Small spot type
Combination type
High end type

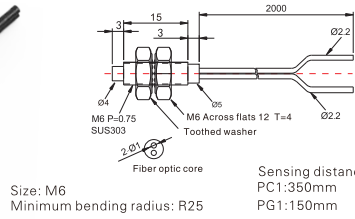
Fiber lens

Fiber lens

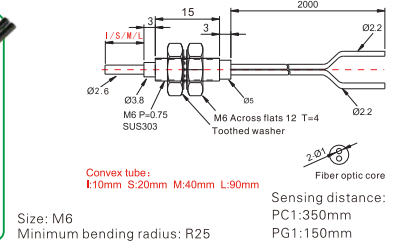
*PG1: TEGA with a threshold setting of 200;
PC1: 7-step with a threshold setting of 200.
*Cable length listed above can be customized.

Diffuse reflection

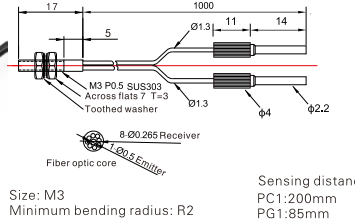
PD-62



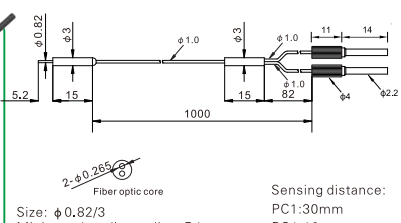
PD-62-I/S/M/L



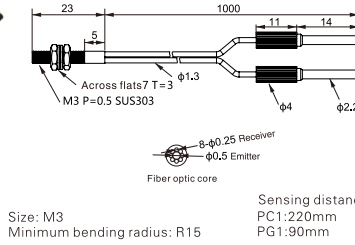
PD-L35GA



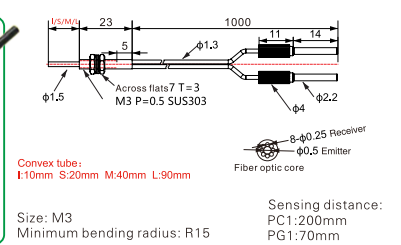
PD-G45Y



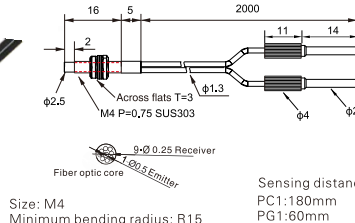
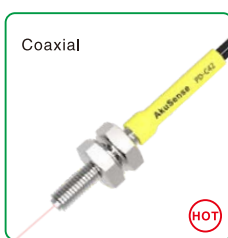
PD-C310-35FA



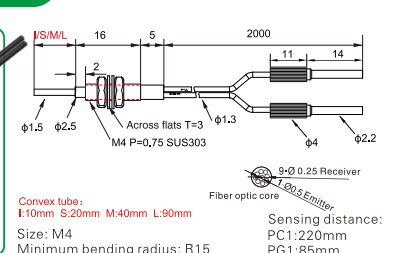
PD-C310-35FA-I/S/M/L



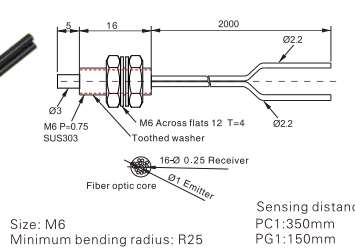
PD-C42



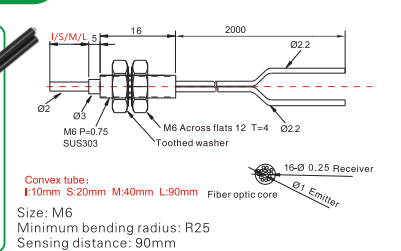
PD-C42-I/S/M/L



PD-C62



PD-C62-I/S/M/L



*PG1: TEGA with a threshold setting of 200;
PC1: 7-step with a threshold setting of 200.
*Cable length listed above can be customized.

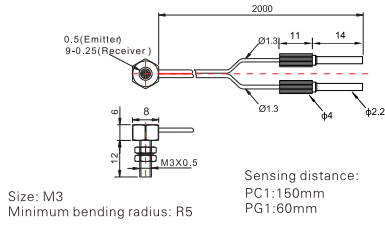
Diffuse reflection

PD-C32TZ

Coaxial



HOT

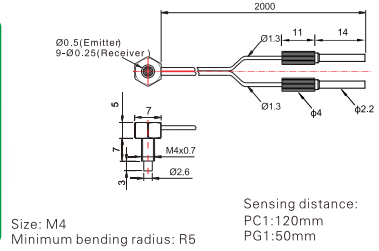


PD-C42TZ

Coaxial



HOT

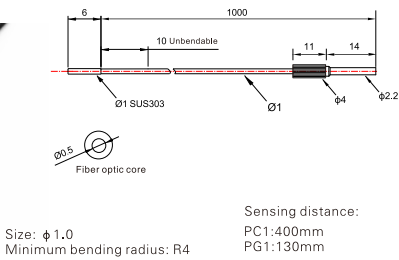


Thru-beam

PT-R58V



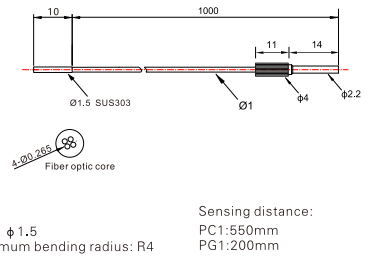
HOT



PT-R59



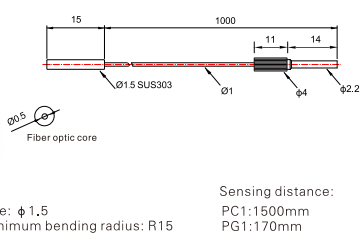
HOT



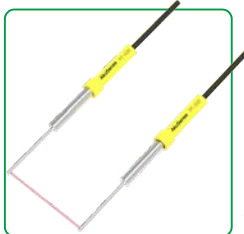
PT-S1520-Q



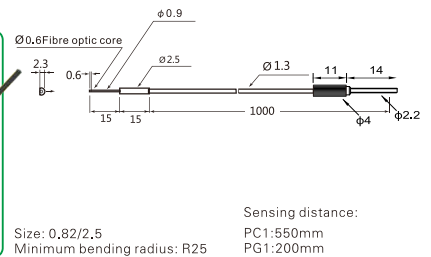
HOT



PT-G32



HOT



Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Vibration

Temperature

Annexes

Guidance

Fiber amplifiers

Standard economical

High stability

High performance type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High elastic type

High temperature resistant

Small spot type

Combination type

High end type

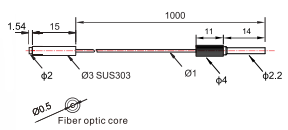
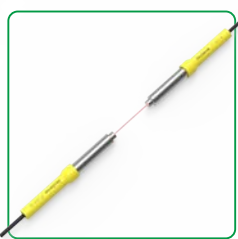
Fiber lens

Fiber lens

*PG1: TEGA with a threshold setting of 200;
PC1: 7-step with a threshold setting of 200.
*Cable length listed above can be customized.

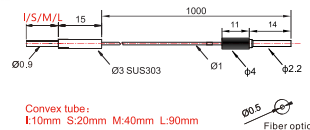
Thru-beam

PT-S31-Q



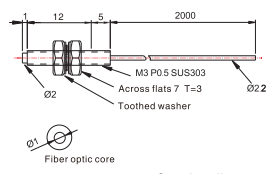
Size: $\phi 3$
 Minimum bending radius: R15
 Sensing distance: 140mm
 (Sensing distance varies with different amplifiers)

PT-S31-Q-I/S/M/L



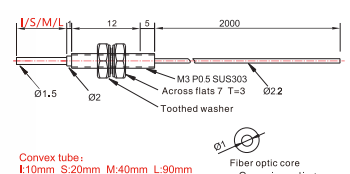
Convex tube:
 I:10mm S:20mm M:40mm L:90mm
 Size: $\phi 3$
 Minimum bending radius: R15
 Sensing distance:
 PC1:1000mm
 PG1:180mm

PT-32



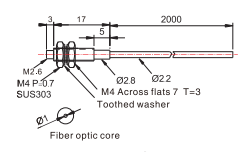
Size: M3
 Minimum bending radius: R25
 Sensing distance:
 PC1:1900mm
 PG1:600mm

PT-32-I/S/M/L



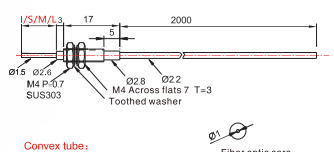
Convex tube:
 I:10mm S:20mm M:40mm L:90mm
 Size: M3
 Minimum bending radius: R25
 Sensing distance:
 PC1:1900mm
 PG1:700mm

PT-42



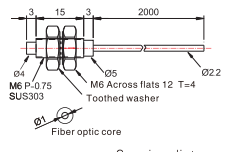
Size: M4
 Minimum bending radius: R25
 Sensing distance: 500mm
 (Sensing distance varies with different amplifiers)

PT-42-I/S/M/L



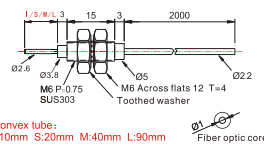
Convex tube:
 I:10mm S:20mm M:40mm L:90mm
 Size: M4
 Minimum bending radius: R25
 Sensing distance:
 PC1:1800mm
 PG1:400mm

PT-62



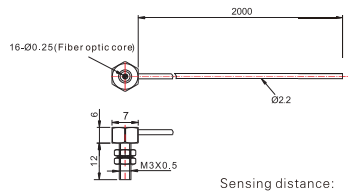
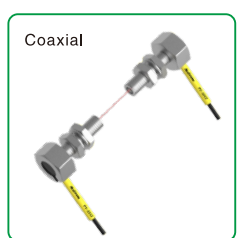
Size: M6
 Minimum bending radius: R25
 Sensing distance: 1500mm
 (Sensing distance varies with different amplifiers)

PT-62-I/S/M/L



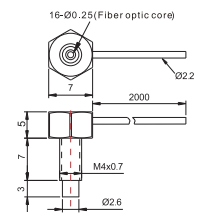
Convex tube:
 I:10mm S:20mm M:40mm L:90mm
 Size: M6
 Minimum bending radius: R25
 Sensing distance:
 PC1:4000mm
 PG1:600mm

PT-C32TZ



Size: M3
 Minimum bending radius: R5
 Sensing distance:
 PC1:1300mm
 PG1:500mm

PT-C42TZ



Size: M4
 Minimum bending radius: R15
 Sensing distance:
 PC1:1500mm
 PG1:600mm

- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Vibration
- Temperature
- Annexes

- Fiber amplifiers**
- Standard economical
 - High stability
 - High performance type
 - High speed response

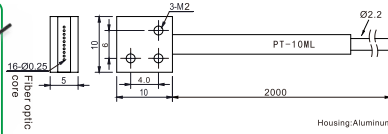
- Fiber components**
- Popular type
 - Array-type
 - Flat bracket type
 - Side-view type
 - High elastic type
 - High temperature resistant
 - Small spot type
 - Combination type
 - High end type

- Fiber lens**
- Fiber lens

*PG1: TEGA with a threshold setting of 200;
 PC1: 7—step with a threshold setting of 200.
 *Cable length listed above can be customized.

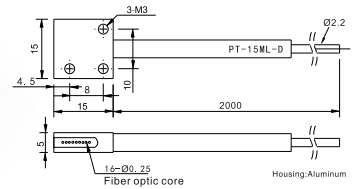
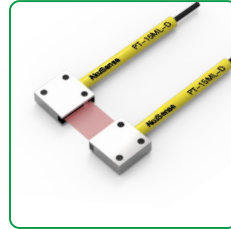
Thru-beam

PT-10ML



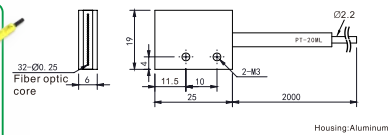
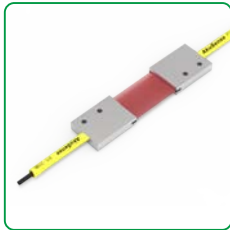
Minimum bending radius: R25
 Min-size Detected object: ϕ 0.1mm
 Sensing distance:
 PC1:1500mm
 PG1:550mm

PT-15ML-D



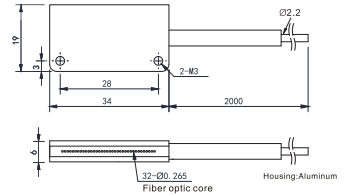
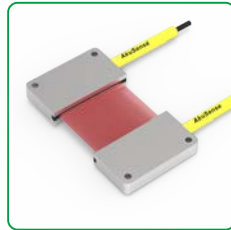
Minimum bending radius: R25
 Min-size Detected object: ϕ 0.5mm
 Sensing distance:
 PC1:1200mm
 PG1:550mm

PT-20ML



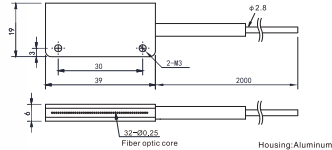
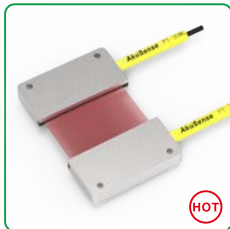
Minimum bending radius: R25
 Min-size Detected object: ϕ 0.5mm
 Sensing distance:
 PC1:1500mm
 PG1:600mm

PT-25ML



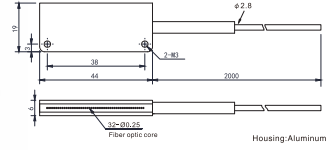
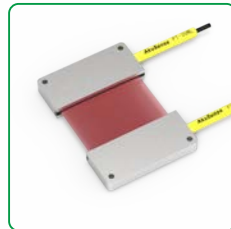
Minimum bending radius: R2
 Min-size Detected object: ϕ 2.0mm
 Sensing distance:
 PC1:1000mm
 PG1:600mm

PT-30ML



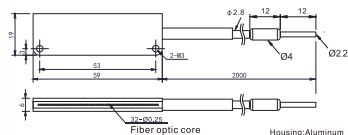
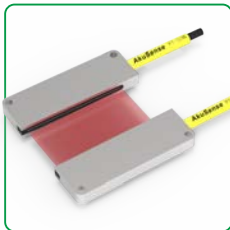
(HOT)
 Minimum bending radius: R25
 Min-size Detected object: ϕ 3.0mm
 Sensing distance:
 PC1:3000mm
 PG1:1000mm

PT-35ML



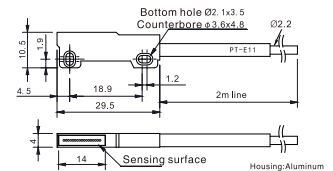
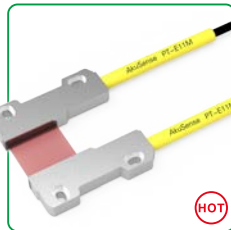
Minimum bending radius: R25
 Min-size Detected object: ϕ 4.0mm
 Sensing distance:
 PC1:1000mm
 PG1:550mm

PT-50ML



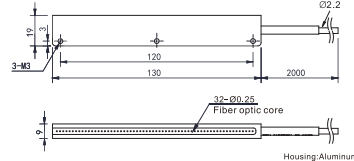
Minimum bending radius: R25
 Min-size Detected object: ϕ 5.0mm
 Sensing distance:
 PC1:1100mm
 PG1:600mm

PT-E11M



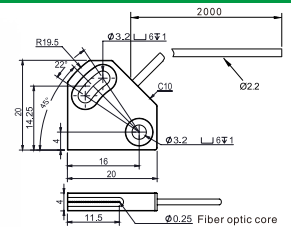
(HOT)
 Minimum bending radius: R2
 Sensing distance: 3000mm
 Min-size Detected object: ϕ 1.0mm
 (Sensing distance varies with different amplifiers)

PT-120ML



Minimum bending radius: R25
 Min-size Detected object: ϕ 30mm
 Sensing distance:
 PC1:4000mm
 PG1:1200mm

PT-A10

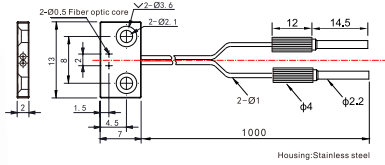
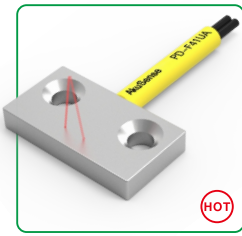


Minimum bending radius: R25
 Min-size Detected object: ϕ 0.05mm
 Sensing distance:
 PC1:3000mm
 PG1:650mm

*PG1: TEGA with a threshold setting of 200;
 PC1: 7-step with a threshold setting of 200.
 *Cable length listed above can be customized.

Diffuse reflection

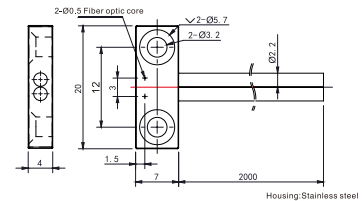
PD-F41UA



Housing: Stainless steel
Sensing distance: PC1:80mm PG1:30mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

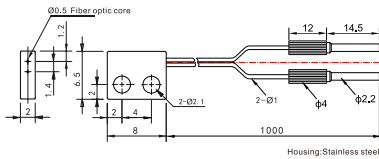
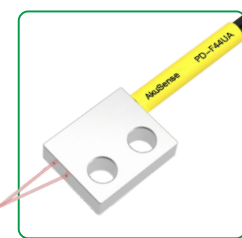


PD-F42UA



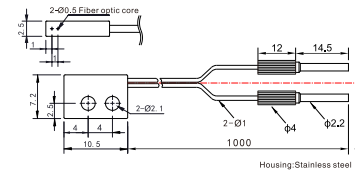
Housing: Stainless steel
Sensing distance: PC1:160mm PG1:120mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

PD-F44UA



Housing: Stainless steel
Sensing distance: PC1:120mm PG1:55mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

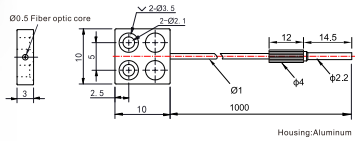
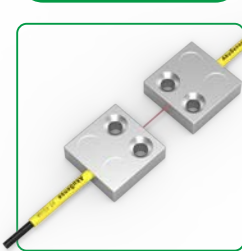
PD-F47UA



Housing: Stainless steel
Sensing distance: PC1:80mm PG1:25mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

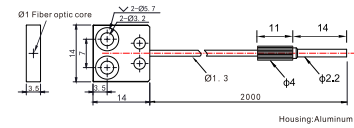
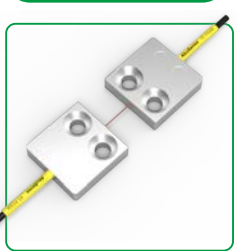
Thru-beam

PT-F51UA



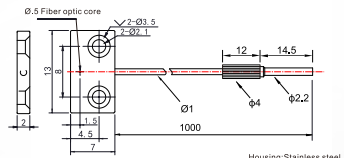
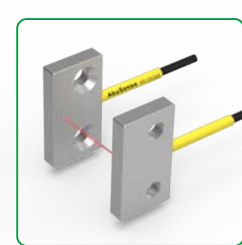
Housing: Aluminum
Sensing distance: PC1:400mm PG1:130mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

PT-F52UA



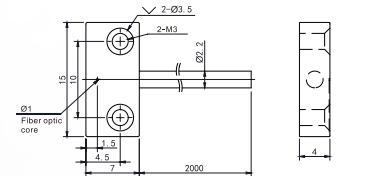
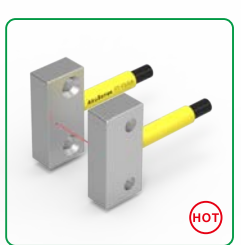
Housing: Aluminum
Sensing distance: 1900mm
Min-size Detected object: ϕ 0.05mm
(Sensing distance varies with different amplifiers)

PT-F53UA



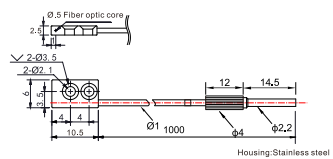
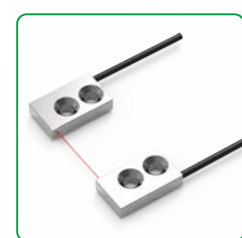
Housing: Stainless steel
Sensing distance: PC1:210mm PG1:80mm
Minimum bending radius: R2
Sensing distance: 340mm
Min-size Detected object: ϕ 0.05mm
(Sensing distance varies with different amplifiers)

PT-F54UA



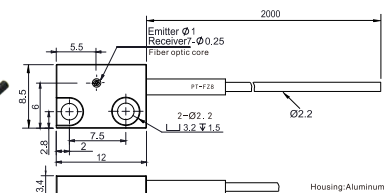
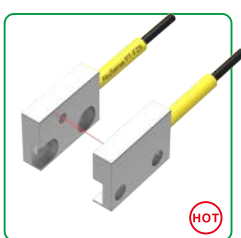
Housing: Stainless steel
Sensing distance: PC1:1300mm PG1:450mm
Minimum bending radius: R2
Min-size Detected object: ϕ 0.05mm

PT-F57UA



Housing: Stainless steel
Sensing distance: PC1:400mm PG1:100mm
Minimum bending radius: R2
Sensing distance: 480mm
Min-size Detected object: ϕ 0.05mm
(Sensing distance varies with different amplifiers)

PT-FZ8



Housing: Aluminum
Sensing distance: 120mm
Min-size Detected object: ϕ 0.1mm
(Sensing distance varies with different amplifiers)

Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Vibration

Temperature

Annexes

Guidance

Fiber amplifiers

Standard economical

High stability

High performance type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High elastic type

High temperature resistant

Small spot type

Combination type

High end type

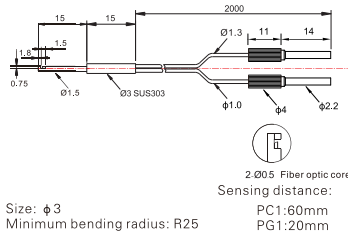
Fiber lens

Fiber lens

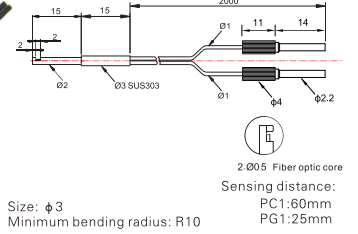
*PG1: TEGA with a threshold setting of 200;
PC1: 7-step with a threshold setting of 200.
*Cable length listed above can be customized.

Diffuse reflection

PD-32-DQ

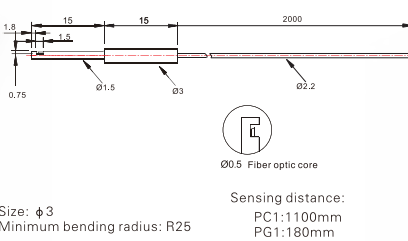


PD-32-SQ

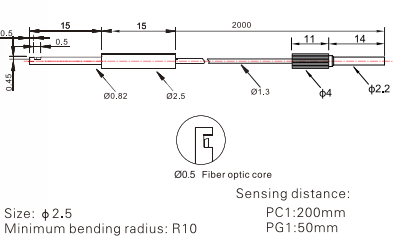


Thru-beam

PT-32-DQ



PT-32-SQ



- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Vibration
- Temperature
- Annexes

Guidance

Fiber amplifiers

- Standard economical
- High stability
- High performance type
- High speed response
- Color sensor

Fiber components

- Popular type
- Array-type
- Flat bracket type
- Side-view type
- High elastic type
- High temperature resistant
- Small spot type
- Combination type
- High end type

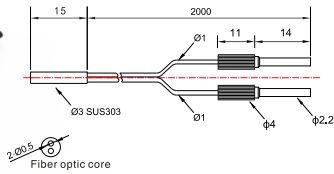
Fiber lens

- Fiber lens

*PG1: TEGA with a threshold setting of 200;
PC1: 7-step with a threshold setting of 200.
*Cable length listed above can be customized.

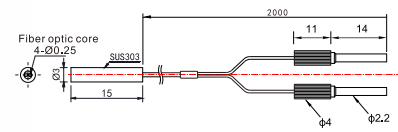
Diffuse reflection

PD-W32-Q



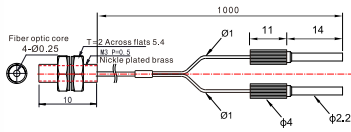
Size: $\phi 3$
 Minimum bending radius: R1
 Sensing distance: PG1:45mm

PD-W48



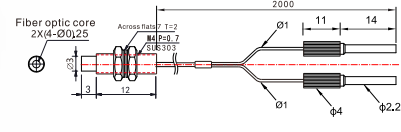
Size: $\phi 3$
 Minimum bending radius: R4
 Sensing distance: 200mm
 (Sensing distance varies with different amplifiers)

PD-W69Y



Size: M3
 Minimum bending radius: R4
 Sensing distance: PC1:110mm
 PG1:25mm

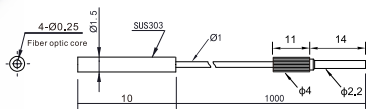
PD-W68



Size: M4
 Minimum bending radius: R4
 Sensing distance: PC1:100mm
 PG1:40mm

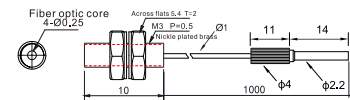
Thru-beam

PT-W59



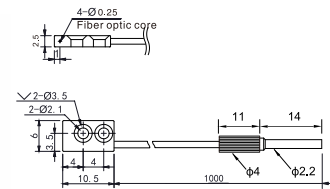
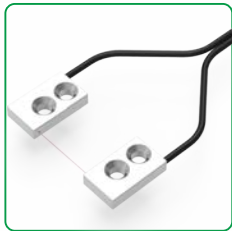
Size: $\phi 1.5$
 Minimum bending radius: R4
 Sensing distance: PC1:350mm
 PG1:100mm

PT-W79



Size: M3
 Minimum bending radius: R4
 Sensing distance: PC1:900mm
 PG1:120mm

PT-W57UF



Size: 6*10.5*2.5
 Minimum bending radius: R4
 Sensing distance: 490mm
 (Sensing distance varies with different amplifiers)

Fiber Optic

Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Vibration

Temperature

Annexes

Guidance

Fiber amplifiers

Standard economical

High stability

High performance type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High elastic type

High temperature resistant

Small spot type

Combination type

High end type

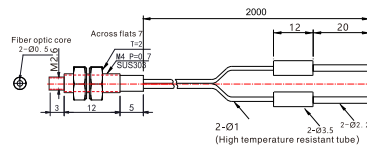
Fiber lens

Fiber lens

*PG1: TEGA with a threshold setting of 200;
 PC1: 7-step with a threshold setting of 200.
 *Cable length listed above can be customized.

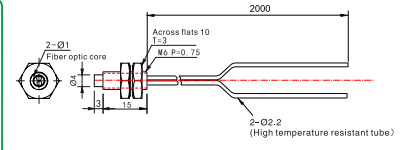
Diffuse reflection

PD-H42Y



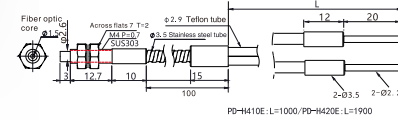
Size: M4
 Max. temperature: 105°C
 Sensing distance: 160mm
 (Sensing distance varies with different amplifiers)

PD-H62Y



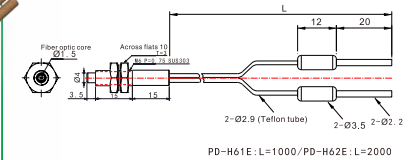
Size: M6
 Max. temperature: 105°C
 Sensing distance: 230mm
 (Sensing distance varies with different amplifiers)

PD-H41E/H42E



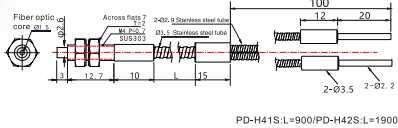
Size: M4
 Max. temperature: 200°C
 Sensing distance:
 PC1:350mm
 PG1:150mm

PD-H61E/H62E



Size: M6
 Max. temperature: 200°C
 Sensing distance: 190mm/180mm
 (Sensing distance varies with different amplifiers)

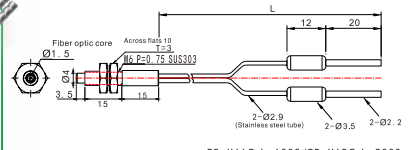
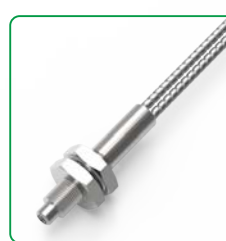
PD-H41S/H42S



Size: M4
 Max. temperature: 350°C

Sensing distance:
 PC1:300mm
 PG1:150mm

PD-H61S/H62S



Size: M6
 Max. temperature: 350°C
 Sensing distance: 190mm/180mm

Sensing distance:
 PG1:150mm

Guidance

Fiber amplifiers

- Standard economical
- High stability
- High performance type
- High speed response
- Color sensor

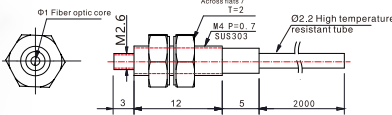
Fiber components

- Popular type
- Array-type
- Flat bracket type
- Side-view type
- High elastic type
- High temperature resistant
- Small spot type
- Combination type
- High end type

Fiber lens

- Fiber lens

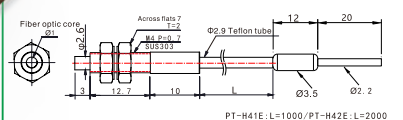
PT-H42Y



Size: M4
 Max. temperature: 105°C

Sensing distance:
 PC1:2300mm
 PG1:700mm

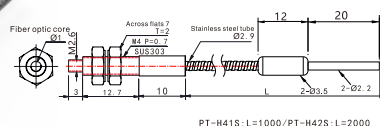
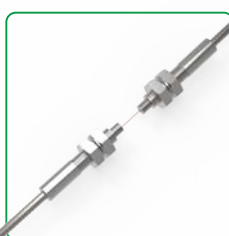
PT-H41E/H42E



Size: M4
 Max. temperature: 200°C
 Sensing distance: 450mm/390mm
 (Sensing distance varies with different amplifiers)



PT-H41S/H42S



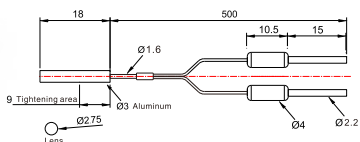
Size: M4
 Max. temperature: 350°C

Sensing distance:
 PC1:1500mm
 PG1:600mm

Thru-beam

*PG1: TEGA with a threshold setting of 200;
 PC1: 7-step with a threshold setting of 200.
 *Cable length listed above can be customized.

PD-X20



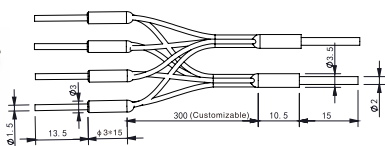
Size: $\phi 3$
 Minimum bending radius: R25
 Focal distance: 5mm

Sensing distance:
 PC1:25mm
 PG1:20mm

HOT

Combination type Fiber components

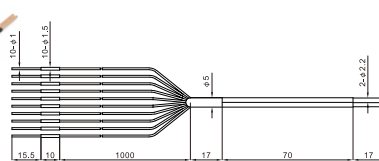
PD-S4Q3-30



Size: $\phi 3$
 Fiber optic sensor heads: 4 Units

Sensing distance:
 PC1:250mm
 PG1:150mm

PD-S10Q1.5-100



Size: $\phi 1.5$
 Fiber optic sensor heads: 10 Units

Sensing distance:
 PC1:80mm
 PG1:20mm

Fiber Optic

- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Vibration
- Temperature
- Annexes

Guidance

Fiber amplifiers

- Standard economical
- High stability
- High performance type
- High speed response

Fiber components

- Popular type
- Array-type
- Flat bracket type
- Side-view type
- High elastic type
- High temperature resistant
- Small spot type**
- Combination type
- High end type

Fiber lens

- Fiber lens

*PG1: TEGA with a threshold setting of 200;
 *PC1: 7-step with a threshold setting of 200.
 *Cable length listed above can be customized.

Diffuse reflection

PD-R15

Size: ϕ 1.5
 Minimum bending radius: R10
 Sensing distance: 4.8mm
 (Sensing distance varies with different amplifiers)

PD-R32

Size: M3
 Minimum bending radius: R15
 Sensing distance: PC1:240mm

PD-RC32

Size: M3
 Minimum bending radius: R15
 Sensing distance: PC1:250mm
 PG1:75mm

PD-RE32-I/S/M/L

Size: M3
 Minimum bending radius: R15
 Sensing distance: 10mm
 (Sensing distance varies with different amplifiers)

PD-R38V

Minimum bending radius: R10
 Sensing distance: 0-4mm
 (Sensing distance varies with different amplifiers)

PD-R38L

Minimum bending radius: R25
 Sensing distance: 8-32mm
 (Sensing distance varies with different amplifiers)

PD-R62

Size: M6
 Minimum bending radius: R25
 Sensing distance: PC1:400mm
 PG1:180mm

PD-R62TE

Size: M6
 Minimum bending radius: R2
 Sensing distance: 140mm
 (Sensing distance varies with different amplifiers)

Thru-beam

PT-R32

Size: M3
 Minimum bending radius: R25
 Sensing distance: 1000mm
 (Sensing distance varies with different amplifiers)

PT-R42

Size: M4
 Minimum bending radius: R25
 Sensing distance: PC1:2200mm
 PG1:500mm

Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vision
Vibration
Temperature
Annexes

Guidance

Fiber amplifiers
Standard economical
High stability
High performance type
High speed response
Color sensor
Fiber components
Popular type
Array-type
Flat bracket type
Side-view type
High elastic type
High temperature resistant
Small spot type
Combination type
High end type

Fiber lens

*PG1: TEGA with a threshold setting of 200;
 PC1: 7-step with a threshold setting of 200.