

Diffuse reflection

- Fiber Optic
- Slot Type
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Light Curtains
- Ultrasonic
- Connectivities
- Tester

Guidance

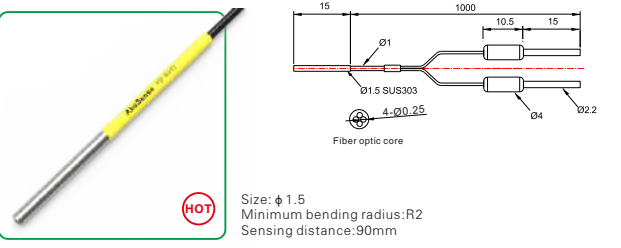
- Fiber amplifier
- Standard economical
- Ultra-slim economical
- Practical type
- High speed response

Fiber components

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

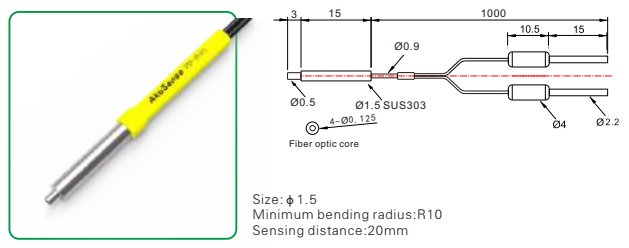
Fiber lens

PD-R49Y



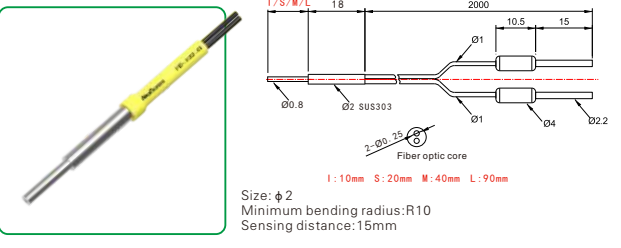
Size: $\phi 1.5$
 Minimum bending radius: R2
 Sensing distance: 90mm

PD-R46



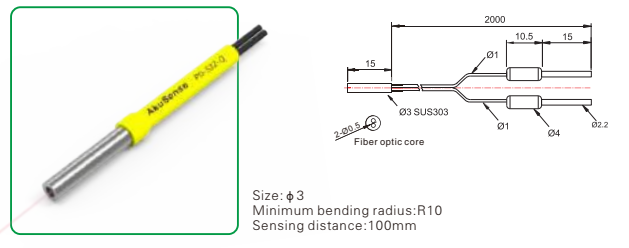
Size: $\phi 1.5$
 Minimum bending radius: R10
 Sensing distance: 20mm

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



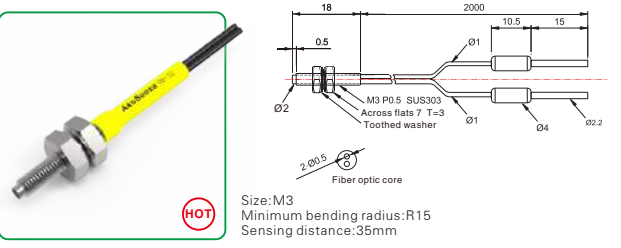
Size: $\phi 2$
 Minimum bending radius: R10
 Sensing distance: 15mm

PD-S32-Q



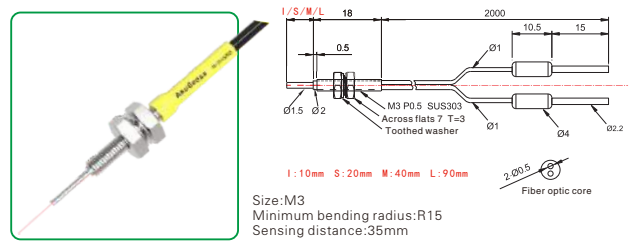
Size: $\phi 3$
 Minimum bending radius: R10
 Sensing distance: 100mm

PD-32



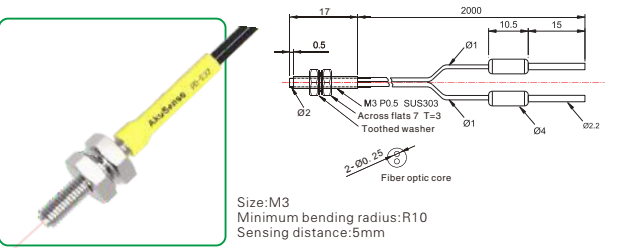
Size: M3
 Minimum bending radius: R15
 Sensing distance: 35mm

PD-32-I/S/M/L



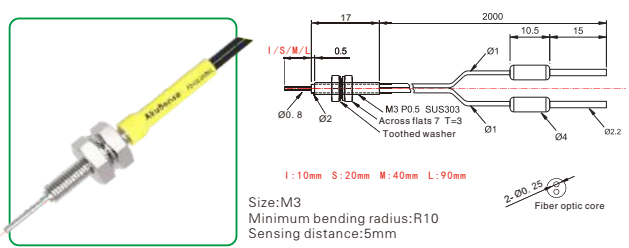
Size: M3
 Minimum bending radius: R15
 Sensing distance: 35mm

PD-E32



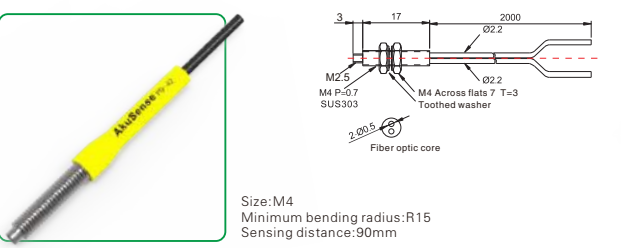
Size: M3
 Minimum bending radius: R10
 Sensing distance: 5mm

PD-E32-I/S/M/L



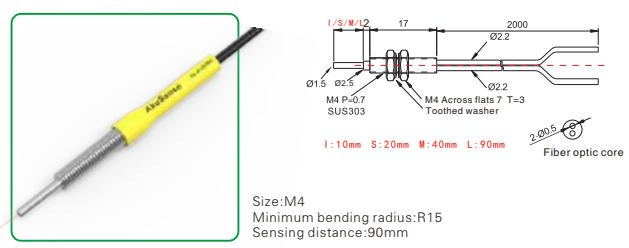
Size: M3
 Minimum bending radius: R10
 Sensing distance: 5mm

PD-42



Size: M4
 Minimum bending radius: R15
 Sensing distance: 90mm

PD-42-I/S/M/L

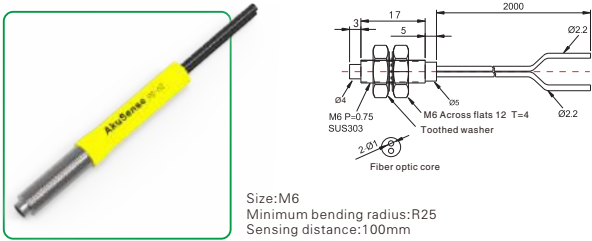


Size: M4
 Minimum bending radius: R15
 Sensing distance: 90mm

* Cable length of models listed above are all customizable.

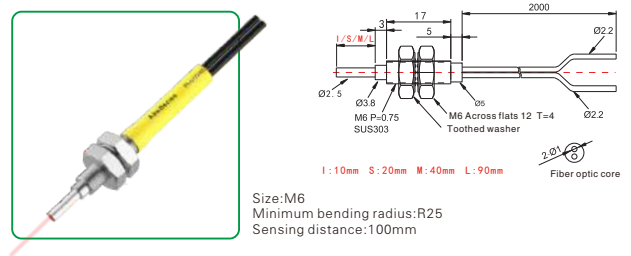
Diffuse reflection

PD-62



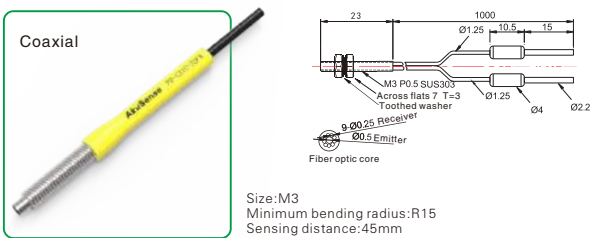
Size: M6
Minimum bending radius: R25
Sensing distance: 100mm

PD-62-I/S/M/L



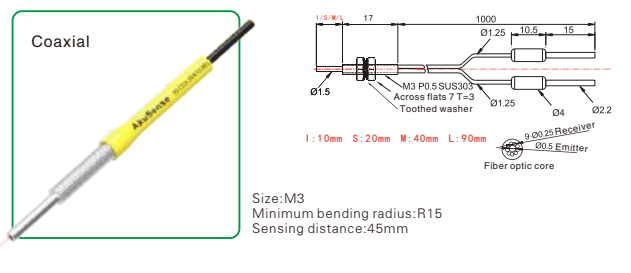
Size: M6
Minimum bending radius: R25
Sensing distance: 100mm

PD-C310-35FA



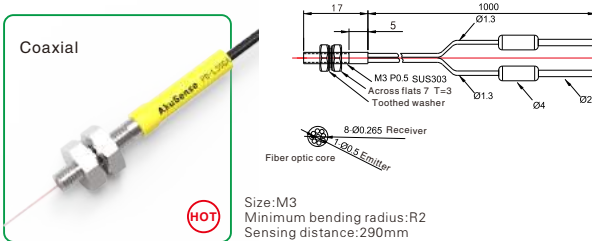
Size: M3
Minimum bending radius: R15
Sensing distance: 45mm

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



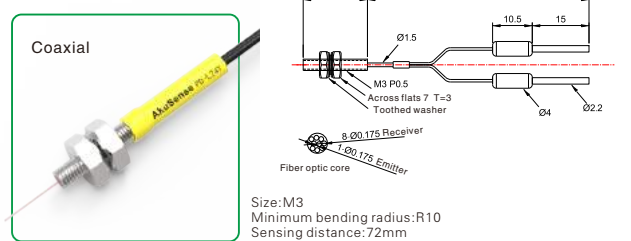
Size: M3
Minimum bending radius: R15
Sensing distance: 45mm

PD-L35GA



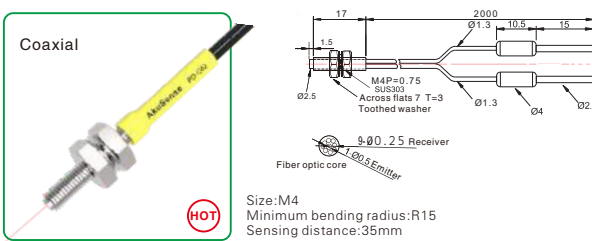
Size: M3
Minimum bending radius: R2
Sensing distance: 290mm

PD-L24Y



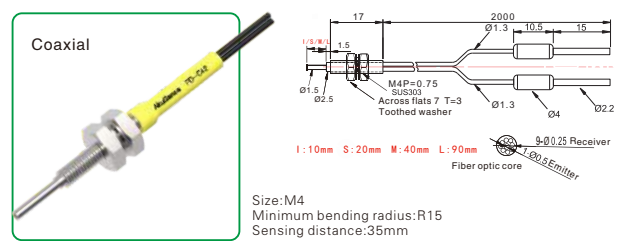
Size: M3
Minimum bending radius: R10
Sensing distance: 72mm

PD-C42



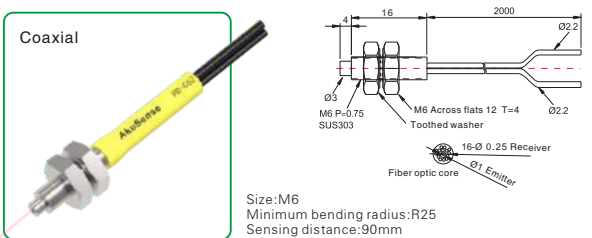
Size: M4
Minimum bending radius: R15
Sensing distance: 35mm

PD-C42-I/S/M/L



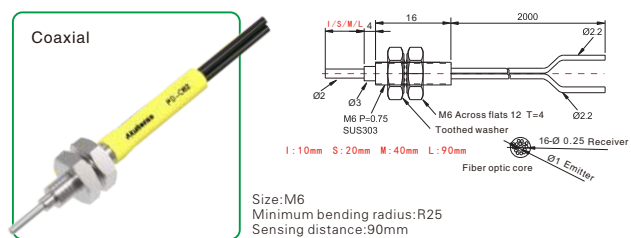
Size: M4
Minimum bending radius: R15
Sensing distance: 35mm

PD-C62



Size: M6
Minimum bending radius: R25
Sensing distance: 90mm

PD-C62-I/S/M/L



Size: M6
Minimum bending radius: R25
Sensing distance: 90mm

* Cable length of models listed above are all customizable.

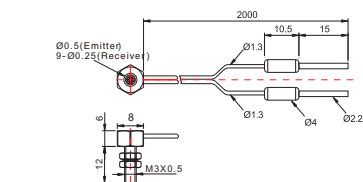
Diffuse reflection

PD-C32TZ

Coaxial



HOT



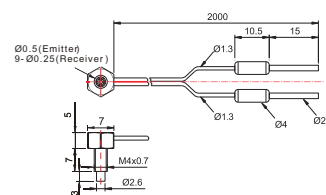
Size: M3
Minimum bending radius: R5
Sensing distance: 35mm

PD-C42TZ

Coaxial



HOT



Size: M4
Minimum bending radius: R5
Sensing distance: 40mm

Fiber Optic

Slot Type

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Light Curtains

Ultrasonic

Connectivities

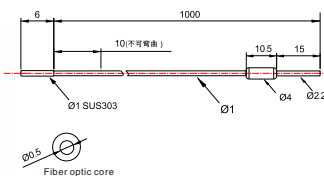
Tester

Thru-beam

PT-R58V



HOT

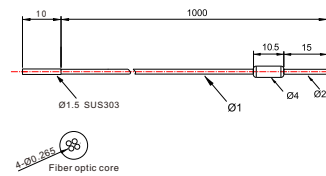


Size: ϕ 1.0
Minimum bending radius: R2
Sensing distance: 430mm

PT-R59

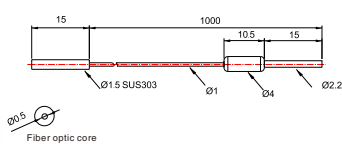


HOT



Size: ϕ 1.5
Minimum bending radius: R4
Sensing distance: 700mm

PT-S1520-Q



Size: ϕ 1.5
Minimum bending radius: R15
Sensing distance: 110mm

Guidance

Fiber amplifier

Standard economical

Ultra-slim economical

Practical type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High flexible type

High temperature resistant type

Small spot type

Combination type

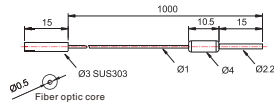
Fiber lens

* Cable length of models listed above are all customizable.

Popular Type Fiber components

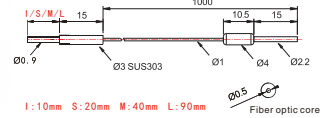
Thru-beam

PT-S31-Q



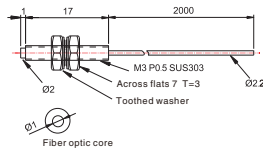
Size: $\phi 3$
Minimum bending radius: R15
Sensing distance: 140mm

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



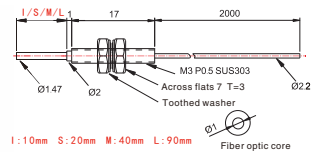
Size: $\phi 3$
Minimum bending radius: R15
Sensing distance: 140mm

PT-32



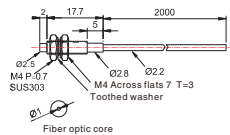
Size: M3
Minimum bending radius: R25
Sensing distance: 500mm

PT-32-I/S/M/L



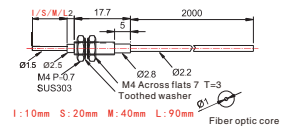
Size: M3
Minimum bending radius: R25
Sensing distance: 500mm

PT-42



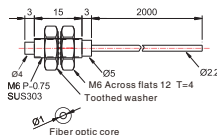
Size: M4
Minimum bending radius: R25
Sensing distance: 500mm

PT-42-I/S/M/L



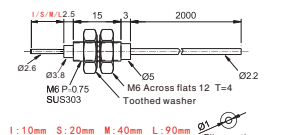
Size: M4
Minimum bending radius: R25
Sensing distance: 500mm

PT-62



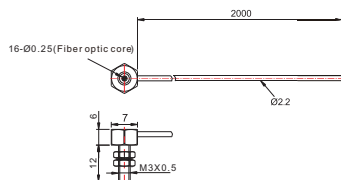
Size: M6
Minimum bending radius: R25
Sensing distance: 500mm

PT-62-I/S/M/L



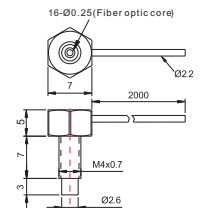
Size: M6
Minimum bending radius: R25
Sensing distance: 500mm

PT-C32TZ



Size: M3
Minimum bending radius: R5
Sensing distance: 600mm

PT-C42TZ



Size: M4
Minimum bending radius: R15
Sensing distance: 400mm

* Cable length of models listed above are all customizable.

Diffuse reflection

Fiber Optic

Slot Type

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Light Curtains

Ultrasonic

Connectivities

Tester

Guidance

Fiber amplifier

Standard economical

Ultra-slim economical

Practical type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High flexible type

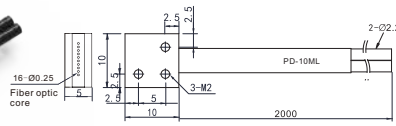
High temperature resistant type

Small spot type

Combination type

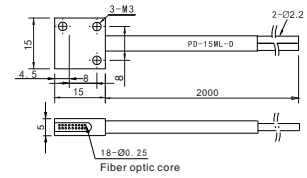
Fiber lens

PD-10ML



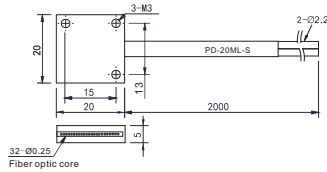
Minimum bending radius: R25
Sensing distance: 35mm
Min-size Detected object: ϕ 0.05mm

PD-15ML-D



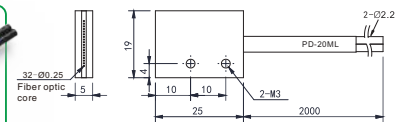
Minimum bending radius: R25
Sensing distance: 35mm
Min-size Detected object: ϕ 0.05mm

PD-20ML-S



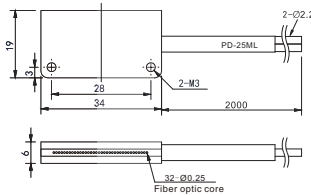
Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 0.05mm

PD-20ML



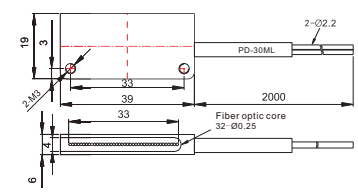
Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 0.05mm

PD-25ML



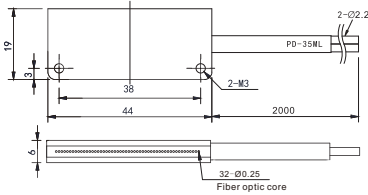
Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 2mm

PD-30ML



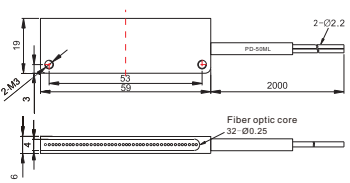
Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 4mm

PD-35ML



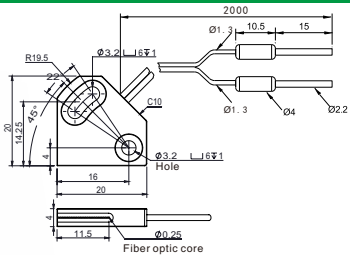
Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 6mm

PD-50ML



Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 10mm

PD-A10

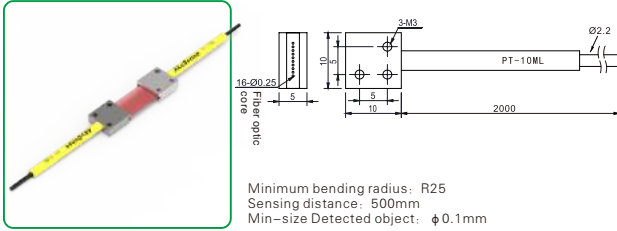


Minimum bending radius: R25
Sensing distance: 70mm
Min-size Detected object: ϕ 0.05mm

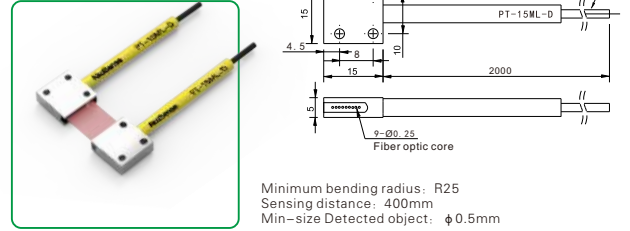
*Cable length of models listed above are all customizable.

Thru-beam

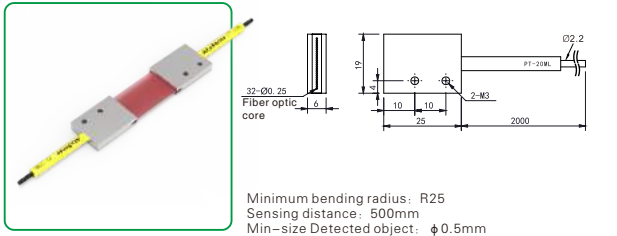
PT-10ML



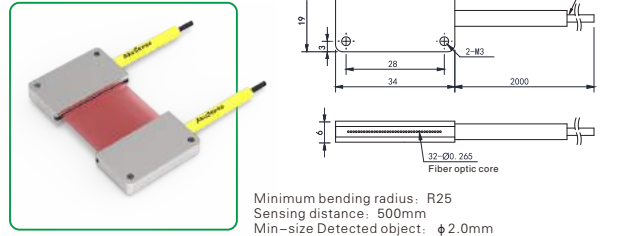
PT-15ML-D



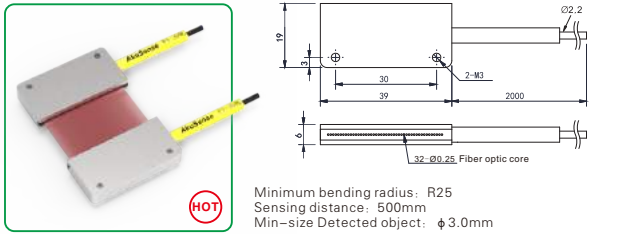
PT-20ML



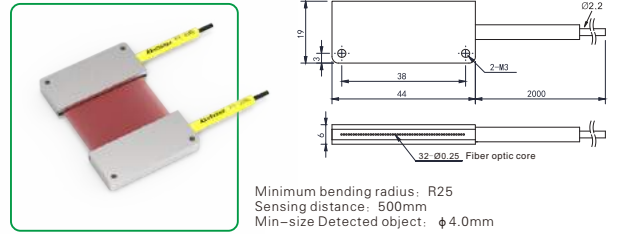
PT-25ML



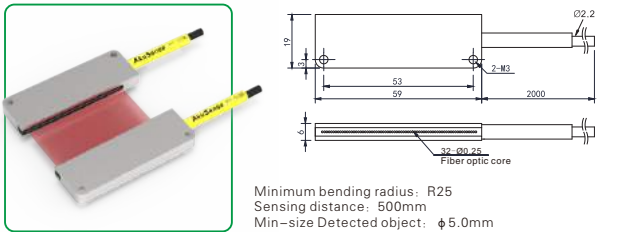
PT-30ML



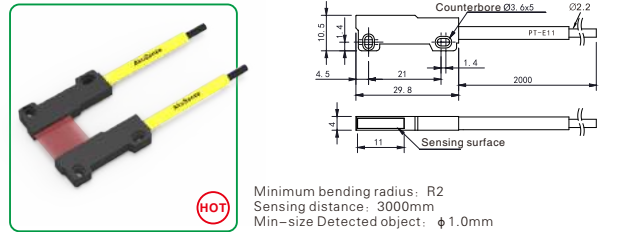
PT-35ML



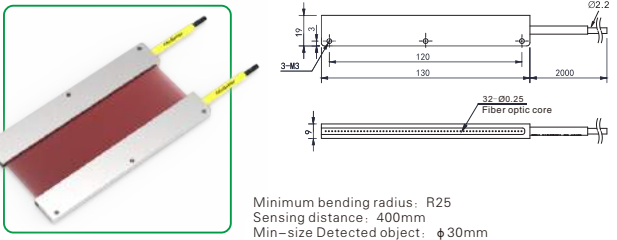
PT-50ML



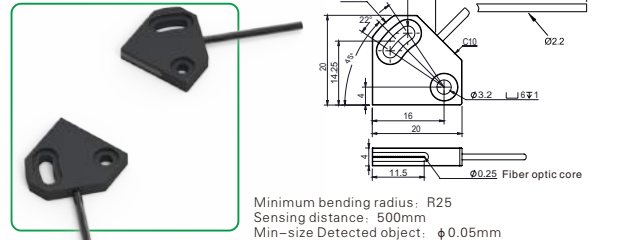
PT-E11



PT-120ML



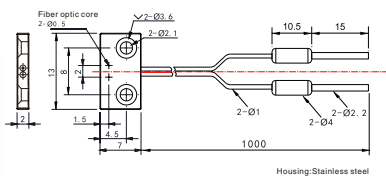
PT-A10



* Cable length of models listed above are all customizable.

Diffuse reflection

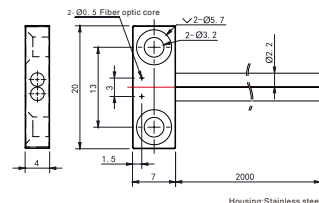
PD-F41UA



Minimum bending radius: R2
Sensing distance: 77mm
Min-size Detected object: ϕ 0.05mm

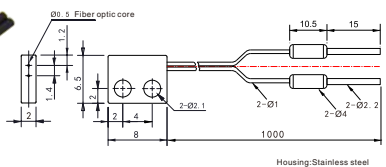
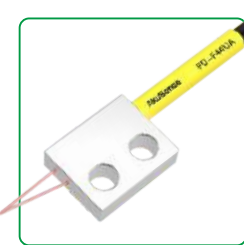


PD-F42UA



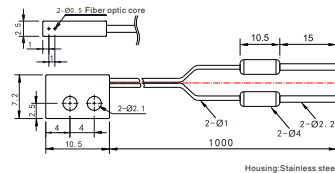
Minimum bending radius: R2
Sensing distance: 320mm
Min-size Detected object: ϕ 0.05mm

PD-F44UA



Minimum bending radius: R2
Sensing distance: 120mm
Min-size Detected object: ϕ 0.05mm

PD-F47UA



Minimum bending radius: R2
Sensing distance: 120mm
Min-size Detected object: ϕ 0.05mm

Fiber Optic

Slot Type

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Light Curtains

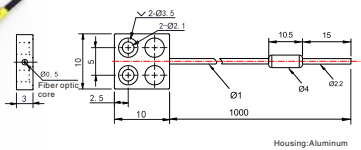
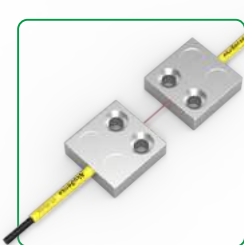
Ultrasonic

Connectivities

Tester

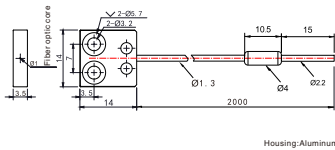
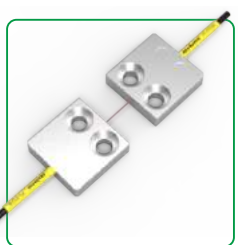
Thru-beam

PT-F51UA



Minimum bending radius: R2
Sensing distance: 520mm
Min-size Detected object: ϕ 0.05mm

PT-F52UA



Minimum bending radius: R2
Sensing distance: 1900mm
Min-size Detected object: ϕ 0.05mm

Guidance

Fiber amplifier

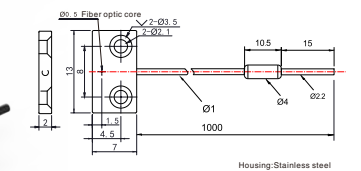
Standard economical

Ultra-slim economical

Practical type

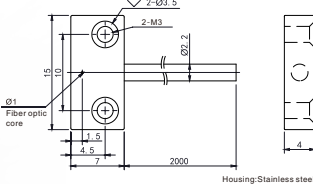
High speed response

PT-F53UA



Minimum bending radius: R2
Sensing distance: 340mm
Min-size Detected object: ϕ 0.05mm

PT-F54UA



Minimum bending radius: R2
Sensing distance: 1900mm
Min-size Detected object: ϕ 0.05mm

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High flexible type

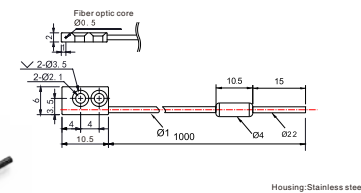
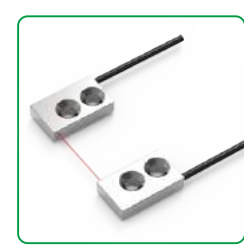
High temperature re-

sistant type

Small spot type

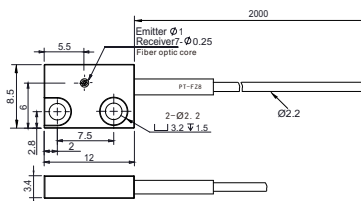
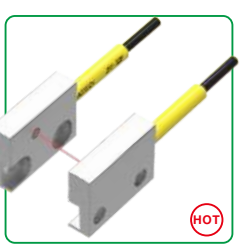
Combination type

PT-F57UA



Minimum bending radius: R2
Sensing distance: 480mm
Min-size Detected object: ϕ 0.05mm

PT-FZ8



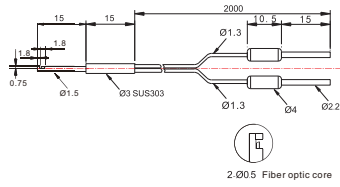
Minimum bending radius: R15
Sensing distance: 120mm
Min-size Detected object: ϕ 0.1mm

* Cable length of models listed above are all customizable.

Side-view type Fiber components

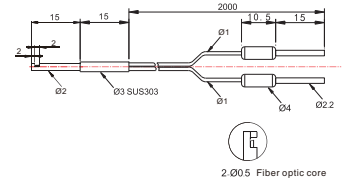
Diffuse reflection

PD-32-DQ



Size: $\phi 3$
 Minimum bending radius: R25
 Sensing distance: 25mm

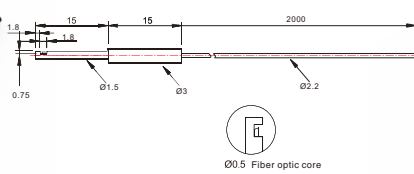
PD-32-SQ



Size: $\phi 3$
 Minimum bending radius: R10
 Sensing distance: 20mm

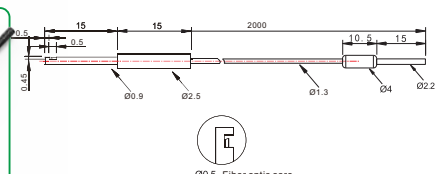
Thru-beam

PT-32-DQ



Size: $\phi 3$
 Minimum bending radius: R25
 Sensing distance: 350mm

PT-32-SQ



Size: $\phi 2.5$
 Minimum bending radius: R10
 Sensing distance: 40mm

Fiber Optic
Slot Type
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Light Curtains
Ultrasonic
Connectivities
Tester

Guidance
Fiber amplifier
Standard economical
Ultra-slim economical
Practical type
High speed response

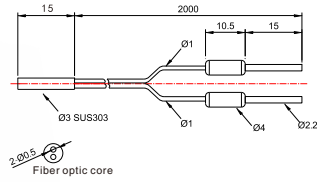
Fiber components
Popular type
Array-type
Flat bracket type
Side-view type
High flexible type
High temperature resistant type
Small spot type
Combination type

Fiber lens

*Cable length of models listed above are all customizable.

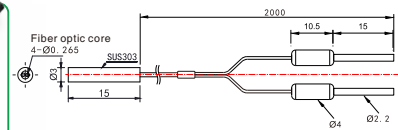
Diffuse reflection

PD-W32-Q



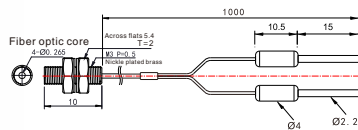
Size: $\phi 3$
Minimum bending radius: R1
Sensing distance: 35mm

PD-W48



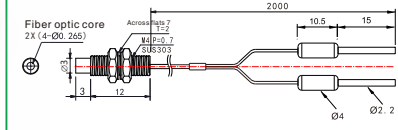
Size: $\phi 3$
Minimum bending radius: R4
Sensing distance: 200mm

PD-W69Y



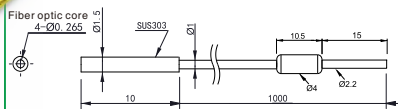
Size: M3
Minimum bending radius: R4
Sensing distance: 100mm

PD-W68



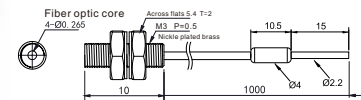
Size: M4
Minimum bending radius: R4
Sensing distance: 200mm

PT-W59



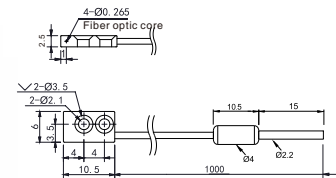
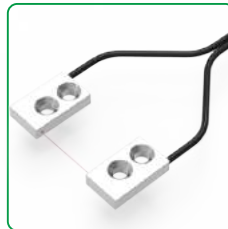
Size: $\phi 1.5$
Minimum bending radius: R4
Sensing distance: 810mm

PT-W79



Size: M3
Minimum bending radius: R4
Sensing distance: 810mm

PT-W57UF



Size: 6*10.5*2.5
Minimum bending radius: R4
Sensing distance: 490mm

Fiber Optic

Slot Type

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Light Curtains

Ultrasonic

Connectivities

Tester

Thru-beam

Guidance

Fiber amplifier

Standard economical

Ultra-slim economical

Practical type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High flexible type

High temperature resistant type

Small spot type

Combination type

Fiber lens

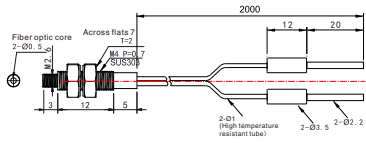
* Cable length of models listed above are all customizable.

High temperature resistant type

Fiber components

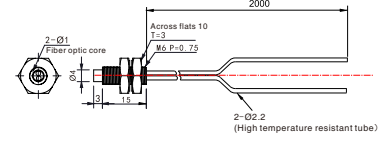
Diffuse reflection

PD-H42Y



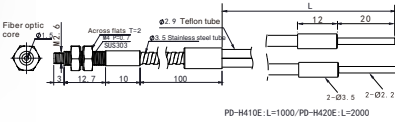
Size: M4
Max. temperature: 105°C
Sensing distance: 160mm

PD-H62Y



Size: M6
Max. temperature: 105°C
Sensing distance: 230mm

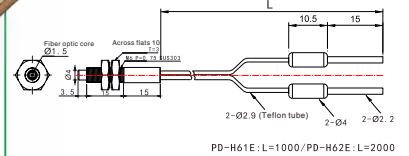
PD-H41E/H42E



Size: M4
Max. temperature: 200°C
Sensing distance: 190mm/180mm

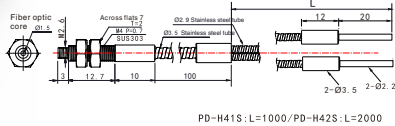


PD-H61E/H62E



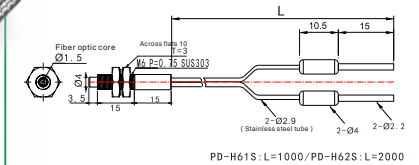
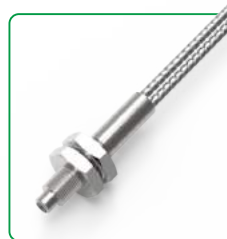
Size: M6
Max. temperature: 200°C
Sensing distance: 190mm/180mm

PD-H41S/H42S



Size: M4
Max. temperature: 350°C
Sensing distance: 190mm/180mm

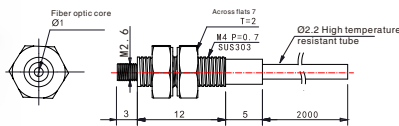
PD-H61S/H62S



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

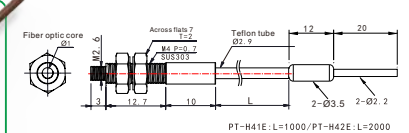
Thru-beam

PT-H42Y



Size: M4
Max. temperature: 105°C
Sensing distance: 1100mm

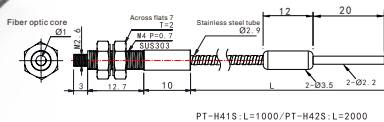
PT-H41E/H42E



Size: M4
Max. temperature: 200°C
Sensing distance: 450mm/390mm



PT-H41S/H42S



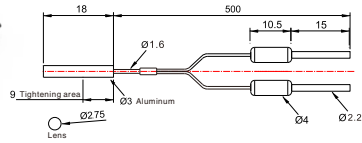
Size: M4
Max. temperature: 350°C
Sensing distance: 450mm/390mm

* Cable length of models listed above are all customizable.

PD-X20



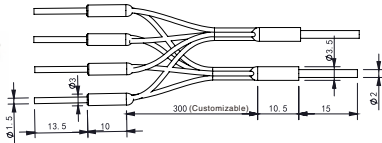
(HOT)



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

Fiber components **Combination type**

PD-S4Q3-30



Size: $\phi 3$
 Fiber optic sensor heads: 4 Units
 Sensing distance: 35mm

All the type of cable length can be customized

Fiber Optic
Slot Type
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Light Curtains
Ultrasonic
Connectivities
Tester

Guidance
Fiber amplifier
Standard economical
Ultra-slim economical
Practical type
High speed response

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

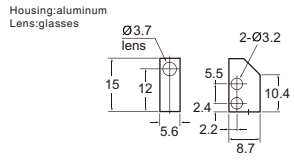
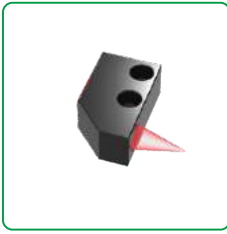
Fiber lens

* Cable length of models listed above are all customizable.

Fiber lens

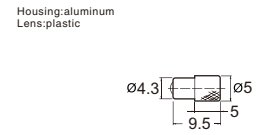
Diffuse reflection

PF-5D



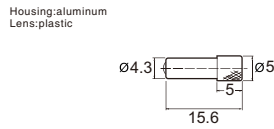
Diameter of beam: $\phi 0.5-3$
Suitable Diameter for fiber optic sensor : M3
Focal distance: 8-30mm

PF-3D



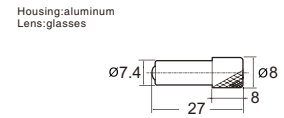
Size of pointed end: $\phi 4.3$
Diameter of beam: Approx. $\phi 4$
Suitable Diameter for fiber optic sensor: M3

PF-2D



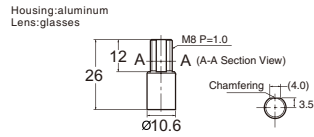
Size of pointed end: $\phi 4.3$
Diameter of beam: Approx. $\phi 0.4$
Suitable Diameter for fiber optic sensor : M3
Focal distance: 7 ± 2 mm

PF-4D



Size of pointed end: $\phi 7.4$
Diameter of beam: Approx. $\phi 0.5$
Suitable Diameter for fiber optic sensor: M3
Focal distance: 15 ± 2 mm

PF-6D



Size of pointed end: $\phi 10.6$
Diameter of beam: Approx. $\phi 2.0$
Suitable Diameter for fiber optic sensor : M3
Focal distance: 35 ± 2 mm

Guidance

Fiber amplifier

- Standard economical
- Ultra-slim economical
- Practical type
- High speed response

Fiber components

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

Fiber lens

Thru-beam

PF-4T



Housing:aluminum
Lens:glass



Size of pointed end: $\phi 4.3$
Suitable Diameter for fiber optic sensor: M2.6
Max.sensing distance : 3600mm

PF-2T



Housing:nickle plated brass
Lens:glass

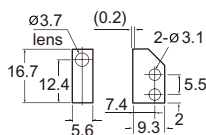


Size of pointed end: $\phi 4$
Suitable Diameter for fiber optic sensor: M2.6
Max.sensing distance : 3600mm

PF-5T



Housing:aluminum
Lens:glass

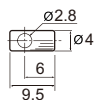


Suitable Diameter for fiber optic sensor: M2.6
Max.sensing distance : 3600mm

PF-1T



Housing:nickle plated brass
Lens:acryl



Size of pointed end: $\phi 4$
Suitable Diameter for fiber optic sensor: M2.6
Max.sensing distance : 3600mm

Fiber Optic

Slot Type

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Light Curtains

Ultrasonic

Connectivities

Tester

Guidance

Fiber amplifier

Standard economical

Ultra-slim economical

Practical type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High flexible type

High temperature resistant type

Small spot type

Combination type

Fiber lens