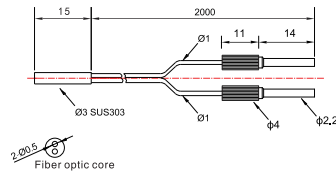


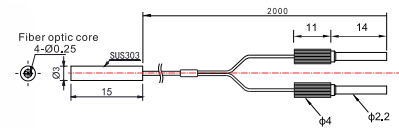
### Diffuse reflection

#### PD-W32-Q



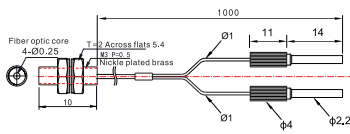
Size:  $\phi 3$   
 Minimum bending radius: R1  
 Sensing distance: PG1:45mm

#### PD-W48



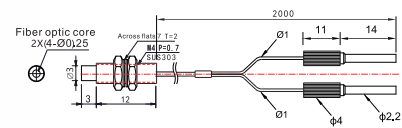
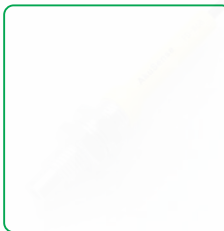
Size:  $\phi 3$   
 Minimum bending radius: R4  
 Sensing distance: 200mm  
 (Sensing distance varies with different amplifiers)

#### PD-W69Y



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

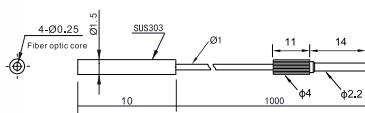
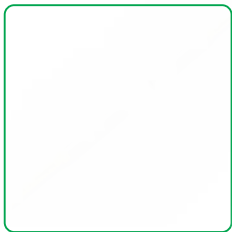
#### PD-W68



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

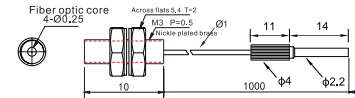
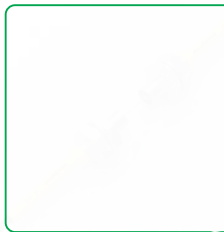
### Thru-beam

#### PT-W59



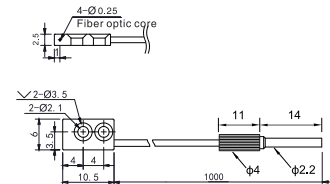
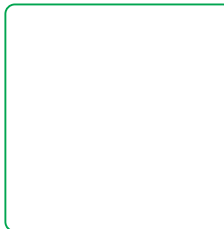
Size:  $\phi 1.5$   
 Minimum bending radius: R4  
 Sensing distance: PC1:350mm  
 PG1:100mm

#### 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

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