

Regular Type Fiber Components

Thru-beam



Basic Features	Working Principle	Fiber optic components				
	Optical Working Principle	Thru-beam				
	Housing Style	Short convex tube	Long convex tube	Short convex tube	Long convex tube	Short convex tube
	Fiber Head Type	Ø3.0mm		M3mm		M4mm
	Sensing Distance	with PG1:240mm/with PE1:400mm		with PG1:800mm/with PE1:1400mm		with PG1:400mm with PE1:1400mm
	Fiber Length	1000mm		2000mm		
	Fiber Diameter	Ø0.5mm		Ø1mm		
	Fiber Arrangement	Standard				
	Core Construction	Transmitter end:1, Receiver end:1				
	Integrated Lens	No lens				
Minimum Object Diameter	-					
Mechanical Data	Bending Radius	15mm		25mm		
	Material	Stainless steel		Stainless steel + Polyvinyl alcohol		
	Fiber Can Be Cut	Can be cut with fiber cutter				
	Operating Environment Temperature	-				
	Accessories	No installation parts		M3 nut + 2 washers		M4 nut + 2 washers
	Model	PT-S31-Q	PT-S31-Q-I/S/M/L	PT-32	PT-32-I/S/M/L	PT-42 (HOT)

Note: The detection distance is for reference only and is also related to factors such as the power level adjustment of the amplifier and the detection environment.



Basic Features	Working Principle	Fiber optic components				
	Optical Working Principle	Thru-beam				
	Housing Style	Long convex tube	Short convex tube	Long convex tube	Right-angle type	Right-angle type, short convex tube
	Fiber Head Type	M4mm	M6mm		M3mm	M4mm
	Sensing Distance	with PG1:400mm with PE1:1400mm	with PG1:600mm with PE1:1200mm	with PG1:600mm with PE1:1200mm	with PG1:560mm with PE1:730mm	with PG1:400mm with PE1:640mm
	Fiber Length	2000mm				
	Fiber Diameter	Ø1mm			Ø0.25mm	
	Fiber Arrangement	Standard			Coaxial Optical Devices	
	Core Construction	Transmitter end:1, Receiver end:1			Transmitter end:1, Receiver end:15	
	Integrated Lens	No lens				
Minimum Object Diameter	-					
Mechanical Data	Bending Radius	25mm		5mm	15mm	
	Material	Stainless steel + Polyvinyl alcohol				
	Fiber Can Be Cut	Can be cut with fiber cutter				
	Operating Environment Temperature	-				
	Accessories	M4 nut + 2 washers	M6 nut + 2 washers		M3 nut + 2 washers	M4 nut + 2 washers
	Model	PT-42-I/S/M/L	PT-62	PT-62-I/S/M/L	PT-C32TZ	PT-C42TZ

Note: The detection distance is for reference only and is also related to factors such as the power level adjustment of the amplifier and the detection environment.

- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- AI Image
- Code Readers
- Vibration
- Temperature
- RFID
- Safety door lock
- Pressure Switch
- Communication
- Accessories
- Guidance
- Fiber amplifiers
 - Standard
- Fiber components
 - Regular type
 - Array-type
 - Flat bracket type
 - Side-view type
 - High flexible type
 - High temperature resistant
 - Small spot type
 - Combination type
 - High end type
- Fiber lens
 - Fiber lens