Fiber Optic Sensors



- Optical fiber amplifiers designed with automatic light compensation technology to effectively guarantee the stability of detection.
- Full range of optical fiber components can work as perfect replacement for popular models in the market.
- Customization is available according to the users' on-site applications.
- Abundant inventory, quick response and fast delivery.

Diffuse reflection



Basic Fee	Working Principle	Fiber optic components						
	Optical Working Principle	Diffuse reflection						
	Housing Style	-	Right-angle type	Right-angle type	-			
	Fiber Head Type	Without drum						
	Sensing Distance	with PG1:80mm/with PE1:110mm	with PG1:110mm/with PE1:160mm	with PG1:150mm/with PE1:240mm	with PG1:200mm/with PE1:250mm			
	Fiber Length	2000mm						
Features	Fiber Diameter	Ø0.25mm						
U,	Fiber Arrangement	Grating						
	Core Construction	Transmitter end:9,Receiver end:9		Transmitter end:16,Receiver end:16				
	Integrated Lens	No lens						
	Minimum Object Diameter	Ø0.05mm						
-	Bending Radius	15mm		5mm				
Иесh	Material	Aluminum + Polyvinyl Alcohol						
anic	Fiber Can Be Cut	Can be cut with fiber cutter						
Mechanical Data	Operating Environment Temperature	-						
ш	Accessories	No installation parts						
	Model	PD-10ML	PD-15ML-D	PD-20ML-S	PD-20ML			

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

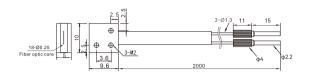


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Basic Features	Working Principle	Fiber optic components						
	Optical Working Principle	Diffuse reflection						
	Housing Style		-					
	Fiber Head Type	Without drum						
	Sensing Distance	with PG1:120mm with PE1:190mm	with PG1:180mm with PE1:210mm	with PG1:180mm with PE1:210mm	with PG1:160mm with PE1:200mm	with PG1:110mm with PE1:170mm		
	Fiber Length	2000mm						
ıres	Fiber Diameter	Ø0.25mm						
	Fiber Arrangement	Grating						
	Core Construction	Transmitter end:16, Receiver end:16 –						
	Integrated Lens	No lens						
	Minimum Object Diameter	Ø2mm	Ø4mm	Ø6mm	Ø10mm	Ø0.05mm		
Z	Bending Radius	5mm						
Mechanical Data	Material		Aluminum					
	Fiber Can Be Cut	Can be cut with fiber cutter						
	Operating Environment Temperature	-						
	Accessories	No installation parts						
	Model	PD-25ML	PD-30ML	PD-35ML	PD-50ML	PD-A10		

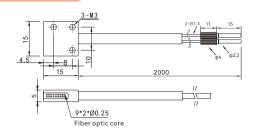
Unit: mm

Dimensions

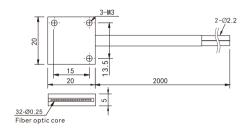
PD-10ML



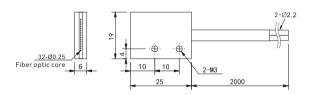
PD-15ML-D



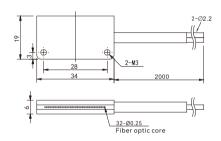
PD-20ML-S



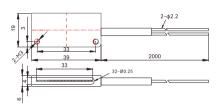
PD-20MI



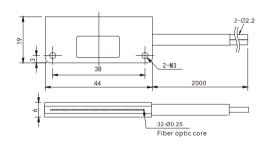
PD-25ML



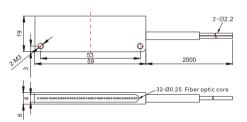
PD-30ML



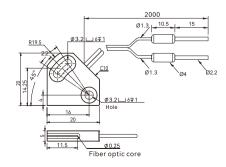
PD-35ML



PD-50ML



PD-A10



Thru-beam



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Basic Feature:	Working Principle	Fiber optic components					
	Optical Working Principle	Thru-beam					
	Housing Style	-	Right-angle type	-	Right-angle type		
	Fiber Head Type	Without drum					
	Sensing Distance	with PG1:520mm with PE1:760mm	with PG1:580mm with PE1:790mm	with PG1:970mm with PE1:1100mm	with PG1:920mm with PE1:1170mm	with PG1:880mm with PE1:1220mm	
	Fiber Length	2000mm					
	Fiber Diameter	Ø0.25mm		Ø0.265mm	Ø0.25mm		
U,	Fiber Arrangement	Grating					
	Core Construction	Transmitter end: 16, Receiver end: 16		Trans	nsmitter end: 32,Receiver end: 32		
	Integrated Lens	No lens					
	Minimum Object Diameter	Ø0.1mm	Ø0.5mm		Ø2mm	Ø3mm	
_	Bending Radius	5m	nm		15mm		
Mech	Material	Aluminum + Polyvinyl Alcohol			Aluminum+PVC		
Mechanical Data	Fiber Can Be Cut	Can be cut with fiber cutter					
	Operating Environment Temperature	-					
m	Accessories	No installation parts					
	Model	PT-10ML	PT-15ML-D	PT-20ML	PT-25ML	PT-30ML (HOT)	

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

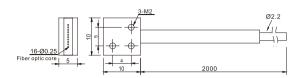


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Working Principle	Fiber optic components						
Optical Working Principle	Thru-beam						
Housing Style	Right-angle type –						
Fiber Head Type	Without drum						
Sensing Distance	with PG1:930mm with PE1:1280mm	with PG1:880mm with PE1:1170mm	with PG1:420mm with PE1:640mm	with PG1:950mm with PE1:1140mm	with PG1:520mm with PE1:800mm		
Fiber Length	2000mm						
Fiber Diameter	Ø0.250mm		-	Ø0.250mm			
Fiber Arrangement	Grating						
Core Construction	Transmitter end:32,Receiver end:32		-	Transmitter end:32, Receiver end:32	-		
Integrated Lens	No lens						
Minimum Object Diameter	Ø4mm	Ø5mm	Ø1mm	Ø30mm	Ø0.05mm		
Bending Radius	15mm		25mm	15mm	25mm		
Material	Aluminum+PVC		Aluminum	Aluminum+PVC	-		
Fiber Can Be Cut	Can be cut with fiber cutter						
Operating Environment Temperature	-						
Accessories	No installation parts						
Model	PT-35ML	PT-50ML	PT-E11M (HOT)	PT-120ML	PT-A10		
	Optical Working Principle Housing Style Fiber Head Type Sensing Distance Fiber Length Fiber Diameter Fiber Arrangement Core Construction Integrated Lens Minimum Object Diameter Bending Radius Material Fiber Can Be Cut Operating Environment Temperature Accessories	Optical Working Principle Housing Style Fiber Head Type Sensing Distance with PG1:930mm With PE1:1280mm Fiber Length Fiber Diameter Ø0.25 Fiber Arrangement Core Construction Transmitter end:33 Integrated Lens Minimum Object Diameter Bending Radius 15n Material Aluminu Fiber Can Be Cut Operating Environment Temperature Accessories	Optical Working Principle Housing Style Fiber Head Type Sensing Distance with PG1:930mm with PG1:880mm with PE1:1170mm Fiber Length Fiber Diameter Ø0.250mm Fiber Arrangement Core Construction Transmitter end:32, Receiver end:32 Integrated Lens Minimum Object Diameter Ø4mm Ø5mm Material Aluminum+PVC Fiber Can Be Cut Operating Environment Temperature Accessories	Optical Working Principle Housing Style Fiber Head Type Sensing Distance With PG1:930mm With PG1:880mm With PG1:420mm With PE1:1280mm Fiber Length Fiber Diameter Fiber Arrangement Core Construction Integrated Lens Minimum Object Diameter Bending Radius Material Aluminum+PVC Aluminum Fiber Can Be Cut Operating Environment Temperature Accessories Right-angle type With very diptore With PG1:880mm With PG1:880mm With PG1:820mm With PG1:420mm With PE1:640mm With PE1:1170mm With PG1:420mm With PE1:640mm With PE1:1170mm Fiber Can Be Cut Operating Environment Temperature No installation parts	Optical Working Principle Housing Style Fiber Head Type Sensing Distance With PG1:930mm With PE1:1280mm With PE1:1170mm With PE1:640mm With PE1:640mm With PE1:1140mm Fiber Length Fiber Diameter Fiber Arrangement Core Construction Transmitter end:32, Receiver end:32 Integrated Lens Minimum Object Diameter Bending Radius T5mm Material Aluminum+PVC Fiber Can Be Cut Operating Environment Temperature Accessories Thru-beam Right-angle type Right-angle type Without drum With PG1:950mm Policy		

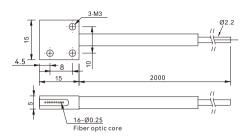
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Dimensions

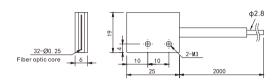
PT-10ML



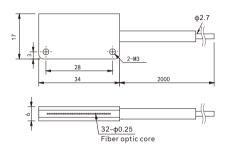
PT-15ML-D



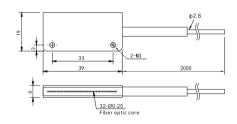
PT-20MI



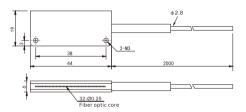
PT-25MI



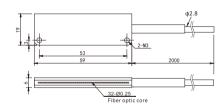
PT-30ML



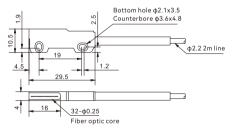
PT-35ML



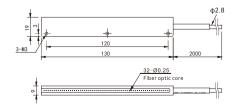
PT-50ML



PT_F11M



PT-120ML



DT_ A 10

