



FX-501P | Digital Fiber Sensor FX-500 Ver.2



※Photo may vary from actual product.

RoHS compliant

Product Number	FX-501P
Part Number	FX-501P
Product	Digital Fiber Sensor
Details	Standard type
Product name	Digital Fiber Sensor FX-500 Ver.2
Features	Digital Fiber Sensor at the industry's leading edge

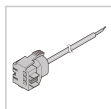
Spec Detail

As of February 13, 2017

Item	Specifications
Product Number	FX-501P
Part Number	FX-501P
Supply voltage	12 to 24 V DC+10-15 % Ripple P-P 10 % or less
Power consumption	Normal operation: 960 mW or less (current consumption 40 mA or less at 24 V supply voltage) ECO mode: 680 mW or less (current consumption 28 mA or less at 24 V supply voltage)
Output	PNP open-collector transistor - Maximum source current: 100 mA (Note 1) - Applied voltage: 30 V DC or less (between output and +V) - Residual voltage: 2 V or less (Note 2) (at maximum source current) (Note 1) 50 mA max. if 5 or more standard types are connected together. (Note 2) In case of using the quick-connection cable (cable length 5 m 16.404 ft) (optional).
Output:Output points	1 point
Output:Output operation	Switchable either Light-ON or Dark-ON by L/D mode
Output:Short-circuit protection	Incorporated
Response time	H-SP: 25 micro s or less FAST: 60 micro s or less STD: 250 micro s or less LONG: 2 ms or less U-LG: 4 ms or less HYPR: 24 ms or less, selectable
External input	-
External input(switchable with Output 2)	-
Possible external input function	-
Sensitivity setting	2-point teaching / Limit teaching / Full-auto teaching / Manual adjustment
Incident light intensity display range	H-SP / FAST / STD: 0 to 4,000 LONG: 0 to 8,000 U-LG / HYPR: 0 to 9,999
Timer function	Incorporated with variable OFF-delay / ON-delay / One-shot / ON-delay - OFF-delay / ON-delay - One-shot timer, switchable either effective or ineffective

Timer function:Timer period	Timer range "ms": 0.5 ms approx., 1 to 9,999 ms approx., 1 ms approx. Timer range "sec.": 0.5 s approx., 1 to 32 s approx., 1 s approx. Timer range "1/10 ms": 0.05 ms approx., 0.1 to 999.9 ms approx., 0.1 ms approx. each output is set individually
Light emitting amount selection function	Incorporated, 3 levels (each level 25 to 100 %) + Auto setting [1 level (25 to 100 %) when using H-SP mode]
Interference prevention function	Incorporated (Note) , selectable either automatic interference prevention or different frequency (Note) Number of sensor heads which is possible to be mounted closely in auto interference prevention function depends on response time as shown in table below.Number of sensor heads which is possible to be mounted closely in different frequency Interference prevention function is up to 3 units. - Number of sensor heads mountable closely (Unit: set) Response time: IP-1 H-SP: 0 FAST: 2 STD: 4 LONG: 8 U-LG: 8 HYPR: 12
Various settings	Hysteresis setting / Shift amount setting / Emission power setting / Display turning setting / ECO setting / Data bank loading saving setting / Copying setting / Code setting / Reset setting / Logical calculation setting / Threshold tracking setting, etc.
Protection	IP40 (IEC)
Ambient temperature	-10 to +55 degrees +14 to +131 degrees Fahrenheit [If 4 to 7 units are mounted in cascade: -10 to +50 degrees +14 to +122 degrees Fahrenheit or if 8 to 16 units are mounted in cascade: -10 to +45 degrees +14 to +113 degrees Fahrenheit] (No dew condensation or icing allowed), Storage: -20 to +70 degrees -4 to +158 degrees Fahrenheit
Emitting element (modulated)	Red LED (Peak emission wavelength: 643 nm 0.025 mil)
Material	Enclosure, Case cover: Polycarbonate Switch: TPEE
Cable	-
Cable extension	-
Weight	Net weight: 15 g approx. Gross weight: 70 g approx.
Accessory	FX-MB1 (Amplifier protection seal): 1 set

Accessories



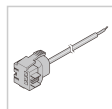
Product Number **CN-71-C1**

Part Number **CN-71-C1**

Product **Quick-connection cables**

Details **Sub cable(1-core)**

Product name **Cable**



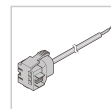
Product Number **CN-71-C2**

Part Number **CN-71-C2**

Product **Quick-connection cables**

Details **Sub cable(1-core)**

Product name **Cable**



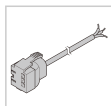
Product Number **CN-71-C5**

Part Number **CN-71-C5**

Product **Quick-connection cables**

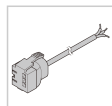
Details **Sub cable(1-core)**

Product name **Cable**



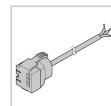
Product Number **CN-73-C1**

Part Number **CN-73-C1**



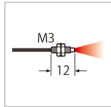
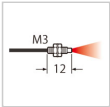
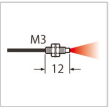
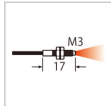
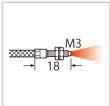
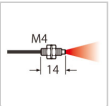
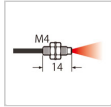
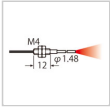
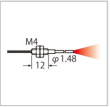
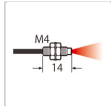
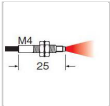
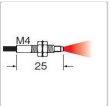
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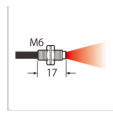
Part Number **CN-73-C2**



Product Number **CN-73-C5**

Part Number **CN-73-C5**

Product	Quick-connection cables	Product	Quick-connection cables	Product	Quick-connection cables
Details	Main cable(3-core)	Details	Main cable(3-core)	Details	Main cable(3-core)
Product name	Cable	Product name	Cable	Product name	Cable
					
Product Number	FD-30	Product Number	FD-31	Product Number	FD-31W
Part Number	FD-30	Part Number	FD-31	Part Number	FD-31W
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Super Quality Fiber	Details	Threaded Type Fiber	Details	Threaded Type Fiber
Product name	Super Quality Fiber	Product name	Threaded Type Fiber	Product name	Threaded Type Fiber
					
Product Number	FD-32G	Product Number	FD-32GX	Product Number	FD-40
Part Number	FD-32G	Part Number	FD-32GX	Part Number	FD-40
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Small Spot Fiber	Details	Small Spot Fiber	Details	Super Quality Fiber
Product name	Threaded Type Fiber	Product name	Threaded Type Fiber	Product name	Super Quality Fiber
					
Product Number	FD-41	Product Number	FD-41S	Product Number	FD-41SW
Part Number	FD-41	Part Number	FD-41S	Part Number	FD-41SW
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Threaded Type Fiber	Details	Sleeve type Fiber	Details	Sleeve type Fiber
Product name	Threaded Type Fiber	Product name	Sleeve Fiber	Product name	Sleeve Fiber
					
Product Number	FD-41W	Product Number	FD-42G	Product Number	FD-42GW
Part Number	FD-41W	Part Number	FD-42G	Part Number	FD-42GW
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Threaded Type Fiber	Details	Small Spot Fiber	Details	Small Spot Fiber
Product name	Threaded Type Fiber	Product name	Threaded Type Fiber	Product name	Threaded Type Fiber



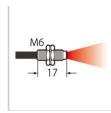
Product Number **FD-60**

Part Number **FD-60**

Product **Reflective type Fiber**

Details **Super Quality Fiber**

Product name **Super Quality Fiber**



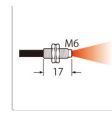
Product Number **FD-61**

Part Number **FD-61**

Product **Reflective type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



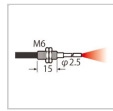
Product Number **FD-61G**

Part Number **FD-61G**

Product **Reflective type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



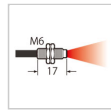
Product Number **FD-61S**

Part Number **FD-61S**

Product **Reflective type Fiber**

Details **Sleeve type Fiber**

Product name **Sleeve Fiber**



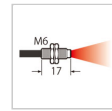
Product Number **FD-61W**

Part Number **FD-61W**

Product **Reflective type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



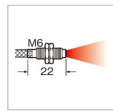
Product Number **FD-62**

Part Number **FD-62**

Product **Reflective type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



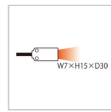
Product Number **FD-64X**

Part Number **FD-64X**

Product **Reflective type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



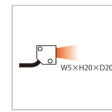
Product Number **FD-A16**

Part Number **FD-A16**

Product **Reflective type Fiber**

Details **Wide Beam Fiber**

Product name **Wide Beam Fiber**



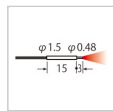
Product Number **FD-AL11**

Part Number **FD-AL11**

Product **Reflective type Fiber**

Details **Wide Beam Fiber**

Product name **Wide Beam Fiber**



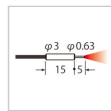
Product Number **FD-E13**

Part Number **FD-E13**

Product **Reflective type Fiber**

Details **Cylindrical Type Fiber**

Product name **Sleeve Fiber**



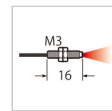
Product Number **FD-E23**

Part Number **FD-E23**

Product **Reflective type Fiber**

Details **Cylindrical Type Fiber**

Product name **Sleeve Fiber**



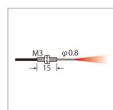
Product Number **FD-EG30**

Part Number **FD-EG30**

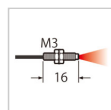
Product **Reflective type Fiber**

Details **Small Spot Fiber**

Product name **Threaded Type Fiber**




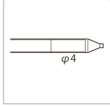
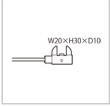
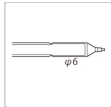

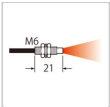
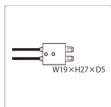
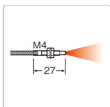
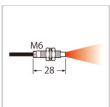
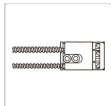
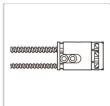

Product Number **FD-EG30S**


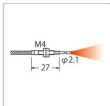


Product Number **FD-EG31**

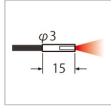
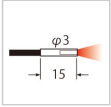
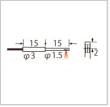
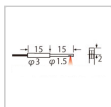
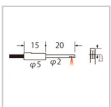
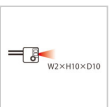
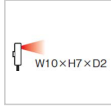

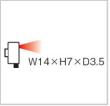
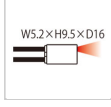
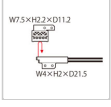

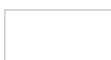
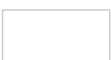
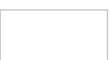


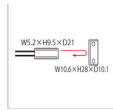
Product Number **FD-F4**

Part Number	FD-EG30S	Part Number	FD-EG31	Part Number	FD-F4
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Sleeve type Fiber	Details	Small Spot Fiber	Details	Liquid Leak / Liquid Detection Fiber
Product name	Sleeve Fiber	Product name	Threaded Type Fiber	Product name	Liquid Leak / Liquid Detection Fiber
					
Product Number	FD-F41	Product Number	FD-F41Y	Product Number	FD-F71
Part Number	FD-F41	Part Number	FD-F41Y	Part Number	FD-F71
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Liquid Leak / Liquid Detection Fiber	Details	Liquid Leak / Liquid Detection Fiber	Details	Liquid Leak / Liquid Detection Fiber
Product name	Liquid Leak / Liquid Detection Fiber	Product name	Liquid Leak / Liquid Detection Fiber	Product name	Liquid Leak / Liquid Detection Fiber
					
Product Number	FD-F8Y	Product Number	FD-FA93	Product Number	FD-H13-FM2
Part Number	FD-F8Y	Part Number	FD-FA93	Part Number	FD-H13-FM2
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Liquid Leak / Liquid Detection Fiber	Details	Liquid Leak / Liquid Detection Fiber	Details	Heat-resistant Fiber
Product name	Liquid Leak / Liquid Detection Fiber	Product name	Liquid Leak / Liquid Detection Fiber	Product name	Heat-resistant Fiber
					
Product Number	FD-H18-L31	Product Number	FD-H20-21	Product Number	FD-H20-M1
Part Number	FD-H18-L31	Part Number	FD-H20-21	Part Number	FD-H20-M1
Product	Convergent Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Heat-resistant Fiber	Details	Heat-resistant Fiber	Details	Heat-resistant Fiber
Product name	Heat-resistant Fiber	Product name	Heat-resistant Fiber	Product name	Heat-resistant Fiber
					
Product Number	FD-H25-L43	Product Number	FD-H25-L45	Product Number	FD-H30-KZ1V
Part Number	FD-H25-L43	Part Number	FD-H25-L45	Part Number	FD-H30-KZ1V

Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber	Product name	Vacuum-resistant Fiber
Details	Heat-resistant Fiber	Details	Heat-resistant Fiber		
Product name	Heat-resistant Fiber	Product name	Heat-resistant Fiber		
					
Product Number	FD-H30-KZ1V-S	Product Number	FD-H30-L32	Product Number	FD-H30-L32V
Part Number	FD-H30-KZ1V-S	Part Number	FD-H30-L32	Part Number	FD-H30-L32V
Product	Reflective type Fiber	Product	Convergent Reflective type Fiber	Product name	Vacuum-resistant Fiber
Details	Vacuum-resistant Fiber	Details	Heat-resistant Fiber		
Product name	Vacuum-resistant Fiber	Product name	Heat-resistant Fiber		
					
Product Number	FD-H30-L32V-S	Product Number	FD-H35-20S	Product Number	FD-H35-M2
Part Number	FD-H30-L32V-S	Part Number	FD-H35-20S	Part Number	FD-H35-M2
Product	Convergent Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Vacuum-resistant Fiber	Details	Heat-resistant Fiber	Details	Heat-resistant Fiber
Product name	Vacuum-resistant Fiber	Product name	Heat-resistant Fiber	Product name	Heat-resistant Fiber
					
Product Number	FD-H35-M2S6	Product Number	FD-HF40Y	Product Number	FD-L10
Part Number	FD-H35-M2S6	Part Number	FD-HF40Y	Part Number	FD-L10
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Convergent Reflective type Fiber
Details	Heat-resistant Fiber	Details	Liquid Leak / Liquid Detection Fiber	Details	Convergent Reflective type Fiber
Product name	Heat-resistant Fiber	Product name	Liquid Leak / Liquid Detection Fiber	Product name	Convergent Reflective Type Fiber
					
Product Number	FD-L11	Product Number	FD-L12W	Product Number	FD-L20H
Part Number	FD-L11	Part Number	FD-L12W	Part Number	FD-L20H
Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber

Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber
Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber
					
Product Number	FD-L21	Product Number	FD-L21W	Product Number	FD-L22A
Part Number	FD-L21	Part Number	FD-L21W	Part Number	FD-L22A
Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber
Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber
Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber
					
Product Number	FD-L23	Product Number	FD-L30A	Product Number	FD-L31A
Part Number	FD-L23	Part Number	FD-L30A	Part Number	FD-L31A
Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber	Product	Convergent Reflective type Fiber
Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber	Details	Convergent Reflective type Fiber
Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber	Product name	Convergent Reflective Type Fiber
					
Product Number	FD-L32H	Product Number	FD-R60	Product Number	FD-S21
Part Number	FD-L32H	Part Number	FD-R60	Part Number	FD-S21
Product	Convergent Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Convergent Reflective type Fiber	Details	Threaded Type Fiber	Details	Cylindrical Type Fiber
Product name	Convergent Reflective Type Fiber	Product name	Threaded Type Fiber	Product name	Cylindrical Type Fiber
					
Product Number	FD-S30	Product Number	FD-S31	Product Number	FD-S32
Part Number	FD-S30	Part Number	FD-S31	Part Number	FD-S32
	Reflective type		Reflective type		Reflective type

Product	Fiber	Product	Fiber	Product	Fiber
Details	Super Quality Fiber	Details	Cylindrical Type Fiber	Details	Cylindrical Type Fiber
Product name	Super Quality Fiber	Product name	Cylindrical Type Fiber	Product name	Cylindrical Type Fiber
					
Product Number	FD-S32W	Product Number	FD-S33GW	Product Number	FD-V30
Part Number	FD-S32W	Part Number	FD-S33GW	Part Number	FD-V30
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Cylindrical Type Fiber	Details	Cylindrical Type Fiber	Details	Sleeve type Fiber
Product name	Cylindrical Type Fiber	Product name	Cylindrical Type Fiber	Product name	Sleeve Fiber
					
Product Number	FD-V30W	Product Number	FD-V50	Product Number	FD-Z20HBW
Part Number	FD-V30W	Part Number	FD-V50	Part Number	FD-Z20HBW
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Sleeve type Fiber	Details	Sleeve type Fiber	Details	Flat Type Fiber
Product name	Sleeve Fiber	Product name	Sleeve Fiber	Product name	Flat Type Fiber
					
Product Number	FD-Z20W	Product Number	FD-Z40HBW	Product Number	FD-Z40W
Part Number	FD-Z20W	Part Number	FD-Z40HBW	Part Number	FD-Z40W
Product	Reflective type Fiber	Product	Reflective type Fiber	Product	Reflective type Fiber
Details	Flat Type Fiber	Details	Flat Type Fiber	Details	Flat Type Fiber
Product name	Flat Type Fiber	Product name	Flat Type Fiber	Product name	Flat Type Fiber
					
Product Number	FD-Z50HW	Product Number	FR-KZ22E	Product Number	FR-KZ50E
Part Number	FD-Z50HW	Part Number	FR-KZ22E	Part Number	FR-KZ50E
Product	Reflective type Fiber	Product	Retroreflective type Fiber	Product	Retroreflective type Fiber
Details	Narrow Beam Fiber	Details	Narrow Beam Fiber	Details	Narrow Beam Fiber
Product name	Narrow Beam Fiber	Product name	Retroreflective Type Fiber	Product name	Retroreflective Type Fiber
					



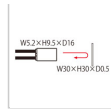
Product Number **FR-KZ50H**

Part Number **FR-KZ50H**

Product **Retroreflective type Fiber**

Details **Narrow Beam Fiber**

Product name **Retroreflective Type Fiber**



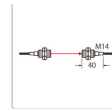
Product Number **FR-Z50HW**

Part Number **FR-Z50HW**

Product **Retroreflective type Fiber**

Details **Narrow Beam Fiber**

Product name **Retroreflective Type Fiber**



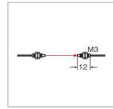
Product Number **FT-140**

Part Number **FT-140**

Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



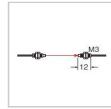
Product Number **FT-30**

Part Number **FT-30**

Product **Thru-beam type Fiber**

Details **Super Quality Fiber**

Product name **Super Quality Fiber**



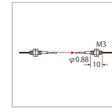
Product Number **FT-31**

Part Number **FT-31**

Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



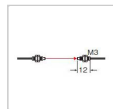
Product Number **FT-31S**

Part Number **FT-31S**

Product **Thru-beam type Fiber**

Details **Sleeve type Fiber**

Product name **Sleeve Fiber**



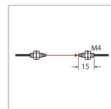
Product Number **FT-31W**

Part Number **FT-31W**

Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



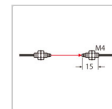
Product Number **FT-40**

Part Number **FT-40**

Product **Thru-beam type Fiber**

Details **Super Quality Fiber**

Product name **Super Quality Fiber**



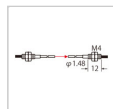
Product Number **FT-42**

Part Number **FT-42**

Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



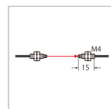
Product Number **FT-42S**

Part Number **FT-42S**

Product **Thru-beam type Fiber**

Details **Sleeve type Fiber**

Product name **Sleeve Fiber**



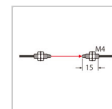
Product Number **FT-42W**

Part Number **FT-42W**

Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

Product name **Threaded Type Fiber**



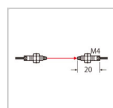
Product Number **FT-43**

Part Number **FT-43**

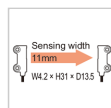
Product **Thru-beam type Fiber**

Details **Threaded Type Fiber**

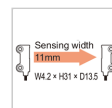
Product name **Threaded Type Fiber**



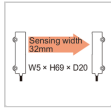
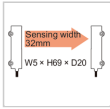
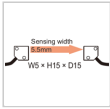
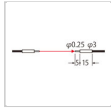
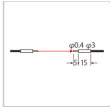

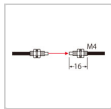

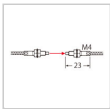

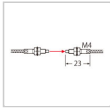

Product Number **FT-45X**

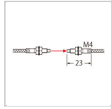
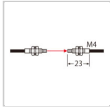

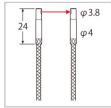

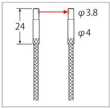
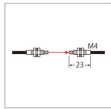

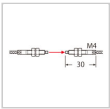
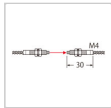
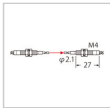
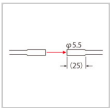
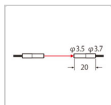
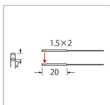
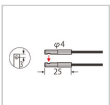


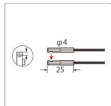
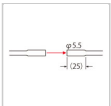
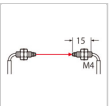
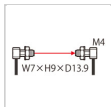
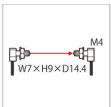
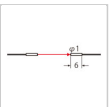
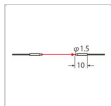
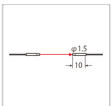
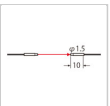
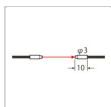
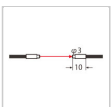
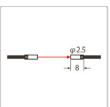
Product Number **FT-A11**

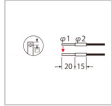

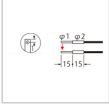
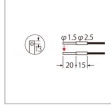
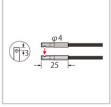
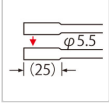

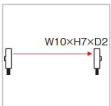
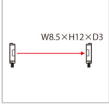
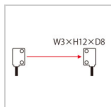
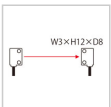
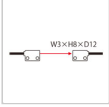
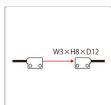
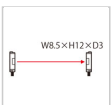



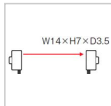
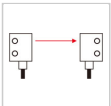
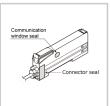
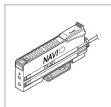
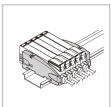
Product Number **FT-A11W**

Part Number	FT-45X	Part Number	FT-A11	Part Number	FT-A11W
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Threaded Type Fiber	Details	Wide Beam Fiber	Details	Wide Beam Fiber
Product name	Threaded Type Fiber	Product name	Wide Beam Fiber	Product name	Wide Beam Fiber
					
Product Number	FT-A32	Product Number	FT-A32W	Product Number	FT-AL05
Part Number	FT-A32	Part Number	FT-A32W	Part Number	FT-AL05
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Wide Beam Fiber	Details	Wide Beam Fiber	Details	Wide Beam Fiber
Product name	Wide Beam Fiber	Product name	Wide Beam Fiber	Product name	Wide Beam Fiber
					
Product Number	FT-E13	Product Number	FT-E23	Product Number	FT-F93
Part Number	FT-E13	Part Number	FT-E23	Part Number	FT-F93
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Cylindrical Type Fiber	Details	Cylindrical Type Fiber	Details	Liquid Leak / Liquid Detection Fiber
Product name	Sleeve Fiber	Product name	Sleeve Fiber	Product name	Liquid Leak / Liquid Detection Fiber
					
Product Number	FT-H13-FM2	Product Number	FT-H20-J20	Product Number	FT-H20-J20-S
Part Number	FT-H13-FM2	Part Number	FT-H20-J20	Part Number	FT-H20-J20-S
Product	Thru-beam type Fiber	Product name	Heat-resistant Fiber	Product	Thru-beam type Fiber
Details	Heat-resistant Fiber			Details	Heat-resistant Fiber
Product name	Heat-resistant Fiber			Product name	Heat-resistant Fiber
					
Product Number	FT-H20-J30	Product Number	FT-H20-J30-S	Product Number	FT-H20-J50
Part Number	FT-H20-J30	Part Number	FT-H20-J30-S	Part Number	FT-H20-J50
Product name	Heat-resistant Fiber	Product	Thru-beam type Fiber	Product name	Heat-resistant Fiber
		Details	Heat-resistant Fiber		

		
Product Number FT-H20-J50-S	Product Number FT-H20-M1	Product Number FT-H20-VJ50
Part Number FT-H20-J50-S	Part Number FT-H20-M1	Part Number FT-H20-VJ50
Product Thru-beam type Fiber	Product Thru-beam type Fiber	Product name Heat-resistant Fiber
Details Heat-resistant Fiber	Details Heat-resistant Fiber	
Product name Heat-resistant Fiber	Product name Heat-resistant Fiber	
		
Product Number FT-H20-VJ50-S	Product Number FT-H20-VJ80	Product Number FT-H20-VJ80-S
Part Number FT-H20-VJ50-S	Part Number FT-H20-VJ80	Part Number FT-H20-VJ80-S
Product Thru-beam type Fiber	Product name Heat-resistant Fiber	Product Thru-beam type Fiber
Details Heat-resistant Fiber		Details Heat-resistant Fiber
Product name Heat-resistant Fiber		Product name Heat-resistant Fiber
		
Product Number FT-H20W-M1	Product Number FT-H30-M1V	Product Number FT-H30-M1V-S
Part Number FT-H20W-M1	Part Number FT-H30-M1V	Part Number FT-H30-M1V-S
Product Thru-beam type Fiber	Product name Vacuum-resistant Fiber	Product Thru-beam type Fiber
Details Heat-resistant Fiber		Details Vacuum-resistant Fiber
Product name Heat-resistant Fiber		Product name Vacuum-resistant Fiber
		
Product Number FT-H35-M2	Product Number FT-H35-M2S6	Product Number FT-HL80Y
Part Number FT-H35-M2	Part Number FT-H35-M2S6	Part Number FT-HL80Y
Product Thru-beam type Fiber	Product Thru-beam type Fiber	Product Thru-beam type Fiber
Details Heat-resistant Fiber	Details Heat-resistant Fiber	Details Chemical-resistant Fiber
Product name Heat-resistant Fiber	Product name Heat-resistant Fiber	Product name Chemical-resistant Fiber / Oil-resistant
		

Product Number	FT-KS40	Product Number	FT-KV26	Product Number	FT-KV40
Part Number	FT-KS40	Part Number	FT-KV26	Part Number	FT-KV40
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Narrow Beam Fiber	Details	Narrow Beam Fiber	Details	Narrow Beam Fiber
Product name	Narrow Beam Fiber	Product name	Narrow Beam Fiber	Product name	Narrow Beam Fiber
					
Product Number	FT-KV40W	Product Number	FT-L80Y	Product Number	FT-R40
Part Number	FT-KV40W	Part Number	FT-L80Y	Part Number	FT-R40
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Narrow Beam Fiber	Details	Chemical-resistant Fiber	Details	Threaded Type Fiber
Product name	Narrow Beam Fiber	Product name	Chemical-resistant Fiber / Oil-resistant	Product name	Threaded Type Fiber
					
Product Number	FT-R41W	Product Number	FT-R42W	Product Number	FT-S11
Part Number	FT-R41W	Part Number	FT-R42W	Part Number	FT-S11
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Square Head type Fiber	Details	Square Head type Fiber	Details	Cylindrical Type Fiber
Product name	Square Head Fiber	Product name	Square Head Fiber	Product name	Cylindrical Type Fiber
					
Product Number	FT-S20	Product Number	FT-S21	Product Number	FT-S21W
Part Number	FT-S20	Part Number	FT-S21	Part Number	FT-S21W
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Super Quality Fiber	Details	Cylindrical Type Fiber	Details	Cylindrical Type Fiber
Product name	Super Quality Fiber	Product name	Cylindrical Type Fiber	Product name	Cylindrical Type Fiber
					
Product Number	FT-S30	Product Number	FT-S31W	Product Number	FT-S32
Part Number	FT-S30	Part Number	FT-S31W	Part Number	FT-S32
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber

Details	Super Quality Fiber	Details	Cylindrical Type Fiber	Details	Cylindrical Type Fiber
Product name	Super Quality Fiber	Product name	Cylindrical Type Fiber	Product name	Cylindrical Type Fiber
					
Product Number	FT-V23	Product Number	FT-V24W	Product Number	FT-V25
Part Number	FT-V23	Part Number	FT-V24W	Part Number	FT-V25
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Sleeve type Fiber	Details	Sleeve type Fiber	Details	Sleeve type Fiber
Product name	Sleeve Fiber	Product name	Sleeve Fiber	Product name	Sleeve Fiber
					
Product Number	FT-V30	Product Number	FT-V40	Product Number	FT-V80Y
Part Number	FT-V30	Part Number	FT-V40	Part Number	FT-V80Y
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Sleeve type Fiber	Details	Cylindrical Type Fiber	Details	Chemical-resistant Fiber
Product name	Sleeve Fiber	Product name	Cylindrical Type Fiber	Product name	Chemical-resistant Fiber / Oil-resistant
					
Product Number	FT-Z20HBW	Product Number	FT-Z20W	Product Number	FT-Z30
Part Number	FT-Z20HBW	Part Number	FT-Z20W	Part Number	FT-Z30
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Flat Type Fiber	Details	Flat Type Fiber	Details	Flat Type Fiber
Product name	Flat Type Fiber	Product name	Flat Type Fiber	Product name	Flat Type Fiber
					
Product Number	FT-Z30E	Product Number	FT-Z30EW	Product Number	FT-Z30H
Part Number	FT-Z30E	Part Number	FT-Z30EW	Part Number	FT-Z30H
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Flat Type Fiber	Details	Flat Type Fiber	Details	Flat Type Fiber
Product name	Flat Type Fiber	Product name	Flat Type Fiber	Product name	Flat Type Fiber
					

Product Number	FT-Z30HW	Product Number	FT-Z30W	Product Number	FT-Z40HBW
Part Number	FT-Z30HW	Part Number	FT-Z30W	Part Number	FT-Z40HBW
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Thru-beam type Fiber
Details	Flat Type Fiber	Details	Flat Type Fiber	Details	Flat Type Fiber
Product name	Flat Type Fiber	Product name	Flat Type Fiber	Product name	Flat Type Fiber
					
Product Number	FT-Z40W	Product Number	FT-Z802Y	Product Number	FX-MB1
Part Number	FT-Z40W	Part Number	FT-Z802Y	Part Number	FX-MB1
Product	Thru-beam type Fiber	Product	Thru-beam type Fiber	Product	Amplifier protection seal
Details	Flat Type Fiber	Details	Chemical-resistant Fiber	Product name	Amplifier protection seal
Product name	Flat Type Fiber	Product name	Chemical-resistant Fiber / Oil-resistant		
					
Product Number	MS-DIN-2	Product Number	MS-DIN-E		
Part Number	MS-DIN-2	Part Number	MS-DIN-E		
Product	Amplifier mounting bracket	Product	End plates		
Product name	Mounting bracket	Product name	End plates		

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