

Discontinuation Notice of Fiber Sensors E32 Series

**Product Discontinuation
Photoelectric Sensors
Model E32-ZT81 2M**



Model E32-ZD81 2M



**Recommended Replacement
Photoelectric Sensors
Model E32-T61-S (M4, 350°C)
Model E32-T51 (M4, 150°C)
Model E32-D611-S (M4, 350°C)
Model E32-D51 (M6, 150°C)**

[Final order entry date]

The End of March, 2027

[Date of The Last Shipping]

The End of Jun, 2027

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
Model E32-T61-S/T51	**	--	-	*	**	-	-
Model E32-D611-S/D51	**	--	-	*	**	-	-

** : Compatible

* : The change is a little/Almost compatible

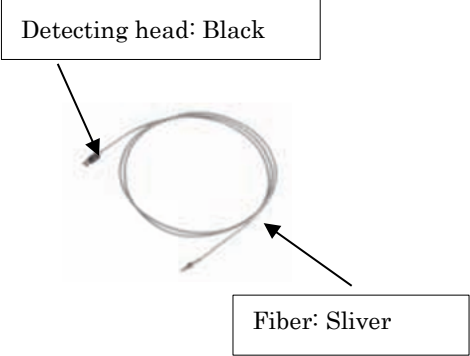
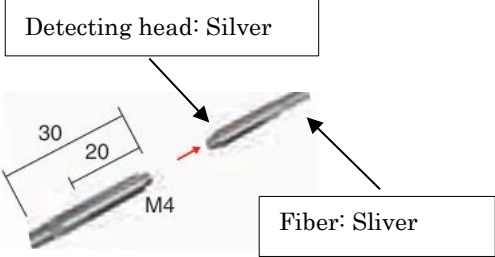
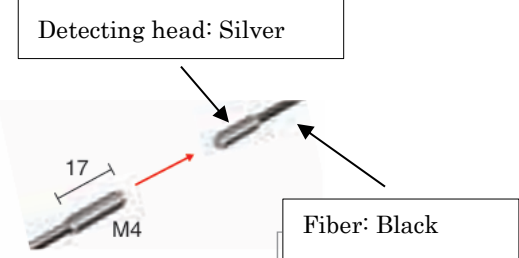
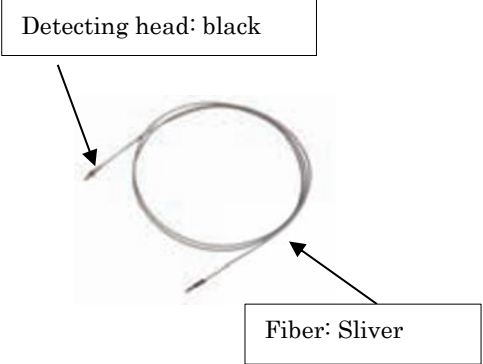
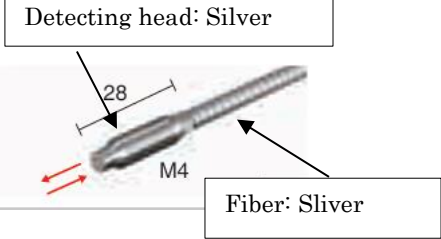
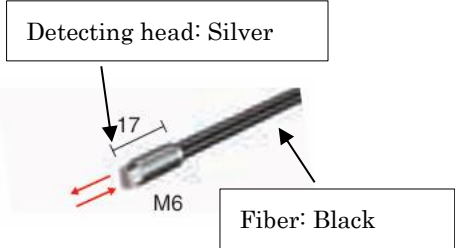
-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
E32-ZT81 2M	E32-T61-S
	E32-T51
E32-ZD81 2M	E32-D611-S
	E32-D51

[Body color]

Product discontinuation Model E32-ZT81/E32-ZD81	Recommendable replacement Model E32-T61-S/E32-T51/E32-D611-S/E32-D51
•Model E32-ZT81  Detecting head: Black Fiber: Sliver	•Model E32-T61-S  Detecting head: Silver Fiber: Sliver •Model E32-T51  Detecting head: Silver Fiber: Black
•Model E32-ZD81  Detecting head: black Fiber: Sliver	•Model E32-D611-S  Detecting head: Silver Fiber: Sliver •Model E32-D51  Detecting head: Silver Fiber: Black

[Mounting Dimensions]

Item	Product discontinuation Model E32-ZT81/E32-ZD81	Recommendable replacement Model E32-T61-S/E32-T51/E32-D611-S/E32-D51
Recommended Machining Hole Dimension	$\phi 4.2^{+0.5}_0$	E32-T61-S/E32-T51/E32-D611-S: $\phi 4.2^{+0.5}_0$ E32-D51: $\phi 6.2^{+0.5}_0$

[Characteristics]

Item		Product discontinuation Model E32-ZT81/E32-ZD81	Recommendable replacement Model E32-T61-S/E32-T51/E32-D611-S/E32-D51
Sensing distance (E3X-ZV)	GIGA	E32-ZT81: 1680 mm E32-ZD81: 420 mm	--
	HS	E32-ZT81: 600 mm E32-ZD81: 120 mm	--
	Other modes	E32-ZT81: ST: 900mm SHS: 240mm E32-ZD81: ST:180 mm SHS: 54 mm	--
Sensing distance (E3X-HD)	GIGA	--	E32-T61-S: 1680 mm E32-T51: 2800 mm E32-D611-S: 420 mm E32-D51: 1120 mm
	HS	--	E32-T61-S: 600 mm E32-T51: 1000 mm E32-D611-S: 120 mm E32-D51: 320 mm
	Other modes	--	E32-T61-S: ST: 900 mm SHS: 240 mm E32-T51: ST: 1500 mm SHS: 400 mm E32-D611-S: ST: 180 mm SHS: 54 mm E32-D51: ST: 450 mm SHS: 144 mm
Sensing distance (E3NX-FA)	GIGA	E32-ZT81: 2520 mm E32-ZD81: 630 mm	E32-T61-S: 2520 mm E32-T51: 4000 mm *5 E32-D611-S: 630 mm E32-D51: 1680 mm
	HS	E32-ZT81: 900 mm E32-ZD81:180 mm	E32-T61-S: 900 mm E32-T51: 1500 mm E32-D611-S: 180 mm E32-D51: 480 mm
	Other modes	E32-ZT81: ST: 1350 mm SHS: 240 mm E32-ZD81: ST: 270 mm SHS: 81 mm	E32-T61-S: ST: 1350 mm SHS: 240 mm E32-T51: ST: 2250 mm SHS: 400 mm E32-D611-S: ST: 270 mm SHS: 54 mm E32-D51: ST: 670 mm SHS: 144 mm

Item	Product discontinuation Model E32-ZT81/E32-ZD81	Recommendable replacement Model E32-T61-S/E32-T51/E32-D611-S/E32-D51
Standard Detection Object	E32-ZT81: $\Phi 1\text{mm}$ ($\phi 5\mu\text{m}$ / $\phi 2\mu\text{m}$) E32-ZD81: $\phi 5\mu\text{m}$ / $\phi 2\mu\text{m}$	E32-T61-S: $\phi 1$ ($\phi 5\mu\text{m}$ / $\phi 2\mu\text{m}$) E32-T51: $\phi 1.5$ ($\phi 0.1$ / $\phi 0.03$) E32-D611-S/E32-D51: $\phi 5\mu\text{m}$ / $\phi 2\mu\text{m}$
Operating Temperature	-40~+200°C	E32-T61-S: -60~+350°C E32-T51: -40~+150°C E32-D611-S: -60~+350°C E32-D51: -40~+150°C
Clamping Strength	0.78N•m	E32-T61-S/E32-T51: 0.78N•m E32-D611-S/E32-D51: 0.98N•m
Bending Radius	R25 mm	E32-T61-S/E32-D611-S: R25 mm E32-T51/E32-D51: R35 mm
Tensile Strength	29.4N	29.4N
Vibration resistance	Destruction: 10 to 55 Hz with a 1.5 mm double amplitude for 2 hours each in X, Y, and Z directions	10 to 55 Hz with a 1.5mm double amplitude for 2 hours each in X, Y and Z directions
Shock resistance	Destruction: 500 m/s ² , for 3 times each in X, Y and Z directions	500 m/s ² , for 3 times each in X, Y and Z directions

[Dimensions]

Product discontinuation
Model E32-ZT81/E32-ZD81

- Model E32-ZT81

对边7 厚度2 (SUS) 垫片(SUS)

Opposite edge 7 thickness 2 (SUS)

Washer (SUS)

检出面 $\phi 1$

Detection Surface $\phi 1$

M4 P=0.7 SUS303

M2. 6 P=0.

Ø4.2

2.8 柔性管 (SUS)

Flexible tube(SUS)

2000

(-40℃~200℃)

Omron和lot No. 采用激光打标

Omron and lot No. use laser printing

Ø2.2

(-40°C~70°C)

- Model E32-ZD81

对边7 厚度2 (SUS) 垫片(SUS)

Opposite edge 7 thickness 2 (SUS)

Washer (SUS)

检出面 $\phi 1.45$

Detection Surfa

M4 P=0.7 SUS303

Ø2.

Ø4.2

3.5 柔性管 (SUS)
 Flexible tube (SUS)

2000

1950
(-40°C~200°C)

(-40℃~70℃)

Omron和lot No. 采用激光打标

Omron and lot No. use laser printing

Ø2.2

Technical drawing of a rectangular plate. The drawing shows a top view with a width of 5 and a length of 8.5. A side view shows a height of 4.5. The plate has two circular holes, one on each side, with a diameter of 1.5.

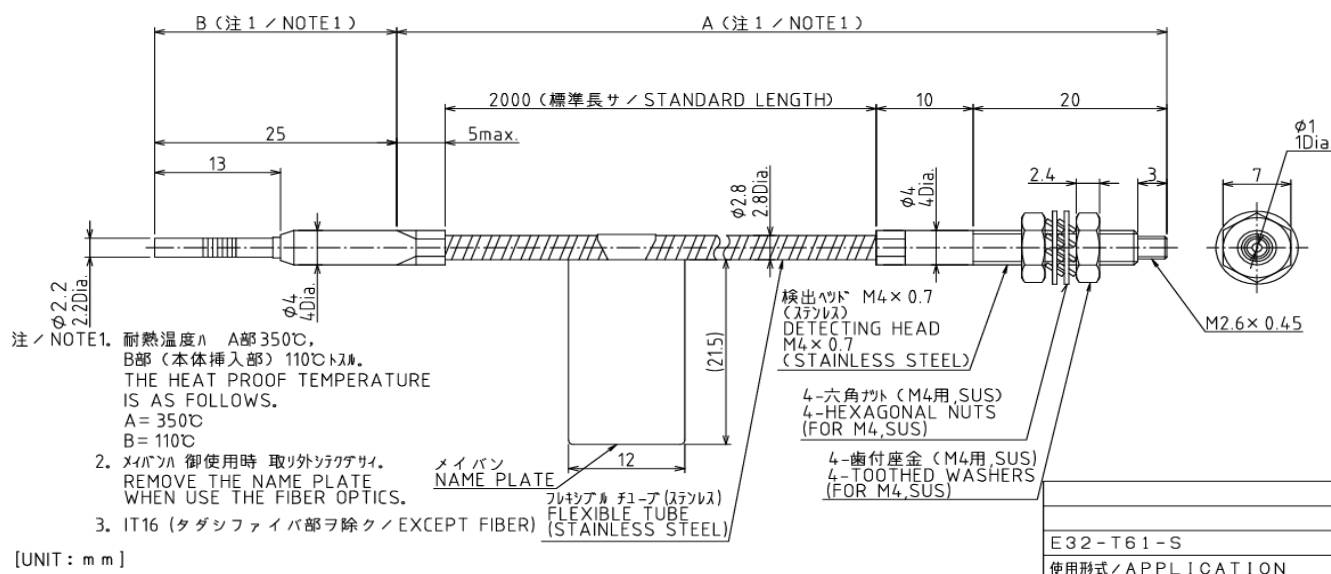
编织方式--对半

Weaving method -- half

Recommendable replacement

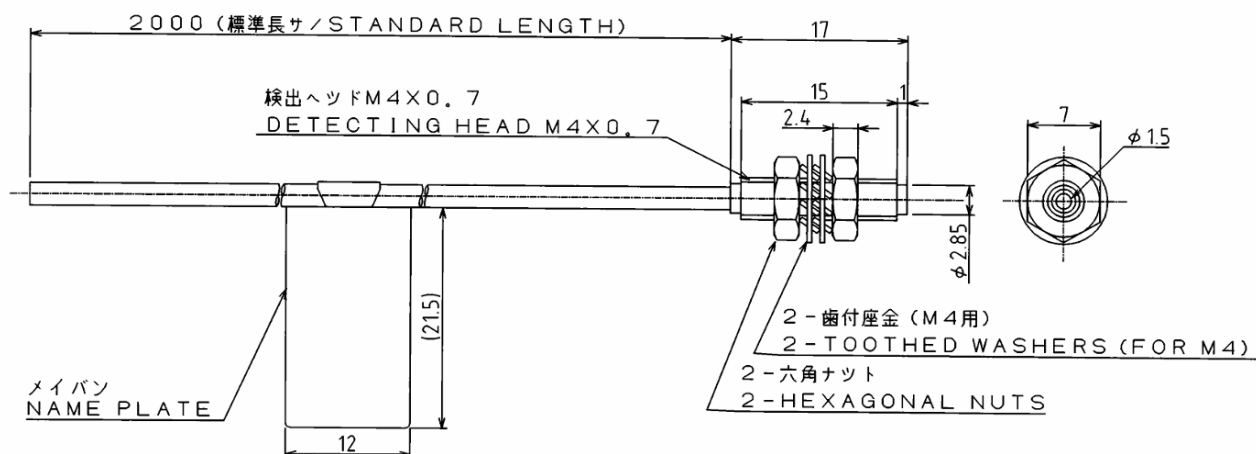
Model E32-T61-S/E32-T51/E32-D611-S/E32-D51

- Model E32-T61-S

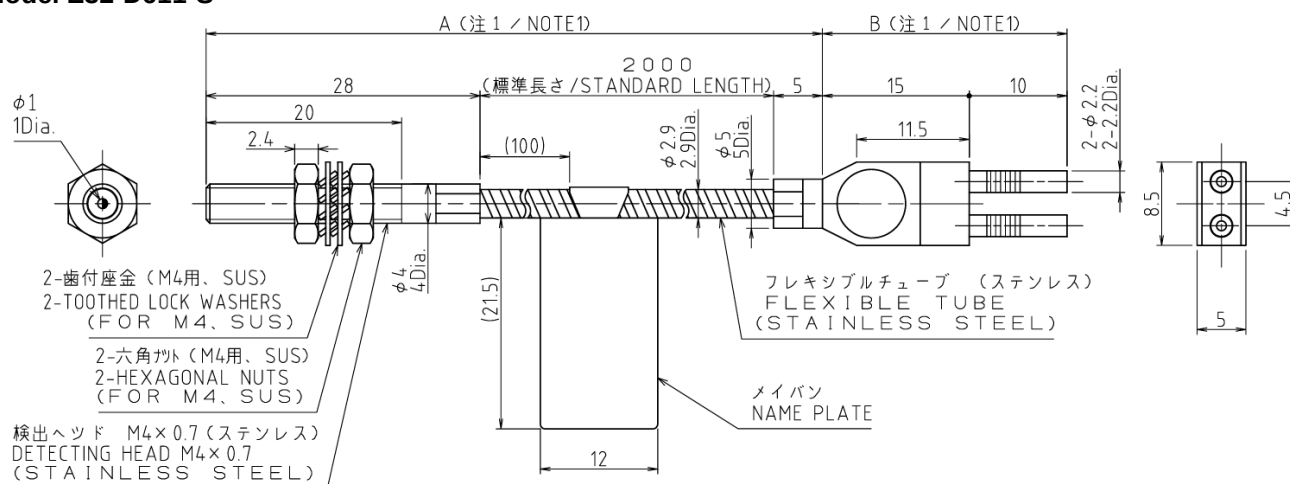


Recommendable replacement
Model E32-T61-S/E32-T51/E32-D611-S/E32-D51

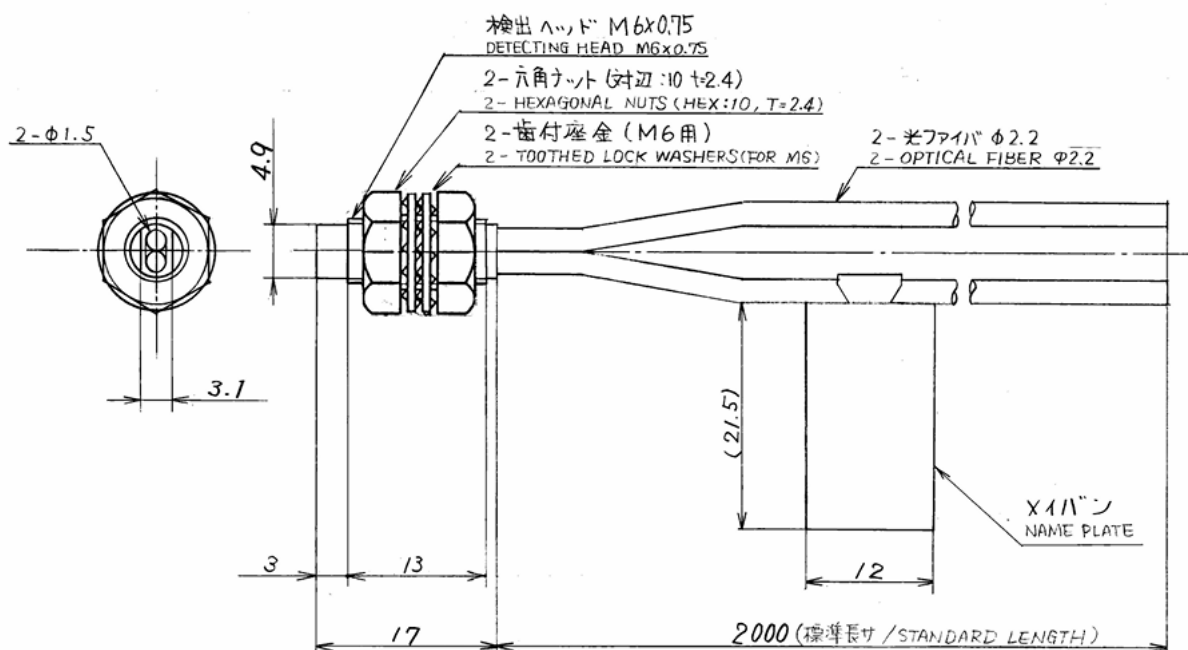
•Model E32-T51



•Model E32-D611-S



•Model E32-D51



Specifications and prices in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.