

Channel ACTION ALERT!

NO: PM-528 **PRODUCT:** EE-SPZ301/401 Photomicrosensors
DATE: August 2010 **TYPE:** Discontinuation Notice

EE-SPZ301/401 Photomicrosensors for Fiber-Optics will be Discontinued March 2011; Use E3X-SD Amplifier Instead

Most of the EE-SPZ series of Photomicrosensors with built-in amplifiers will be **discontinued March 2011**. These are used with E32-TC200 through-beam and E32-DC200 diffuse fiber-optic cables for space-confined sensing sites. The suggested replacement is E3X-SD, a simple digital fiber-optic amplifier. The discontinuation **does not affect EE-SPZ301-A and EE-SPZ401-A**.



Precautions

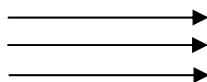
The dimensions, wiring connection and mounting dimensions for E3X-SD are quite different from the EE-SPZ Photomicrosensors. If you have customers using EE-SPZ sensors, [please recommend they change their product designs before March 2011](#).

Discontinued Parts/Suggested Replacements

Discontinued Model

Amplified Photomicrosensor

EE-SPZ301/401
 EE-SPZ301W/401W series
 EE-SPZ301Y-01/401Y-01



Suggested Replacement

Fiber-optic sensor

E3X-SD series with E32-TC200 or E32-DC200 fiber-optic cable attached.

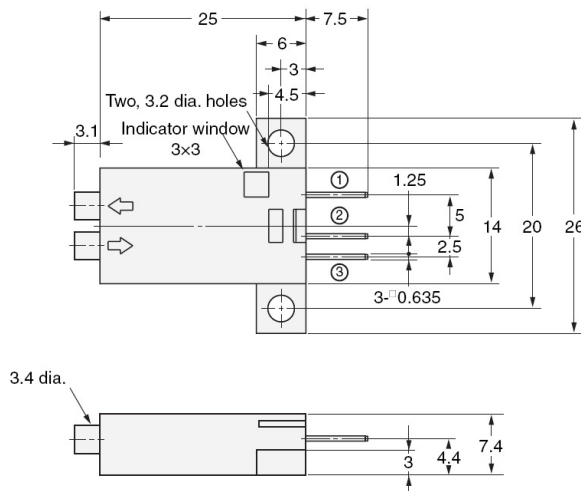
Affected Parts

EE-SPZ301	EE-SPZ401
EE-SPZ301W-01	EE-SPZ401W-01
EE-SPZ301W-02	EE-SPZ401W-02
EE-SPZ301Y-01	EE-SPZ401Y-01

Dimension Comparison

Model to be discontinued

EE-SPZ301
 EE-SPZ401

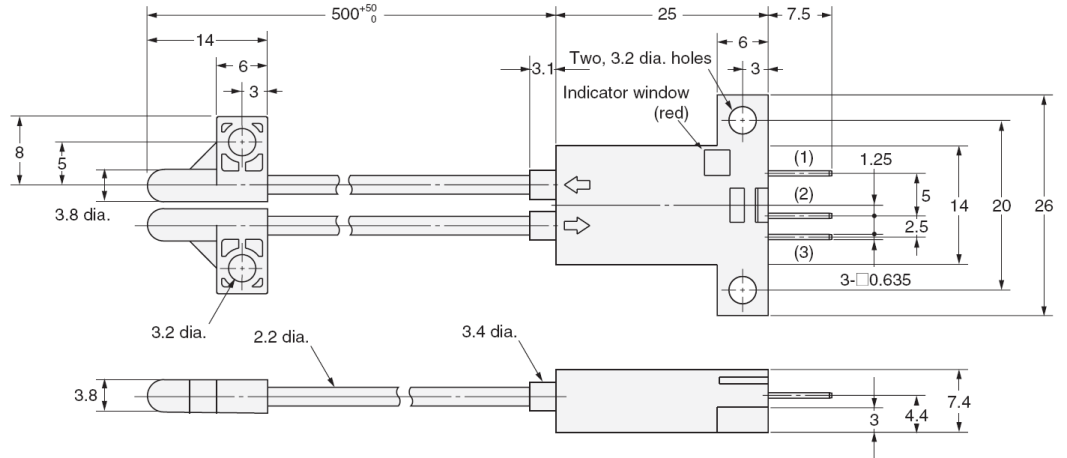
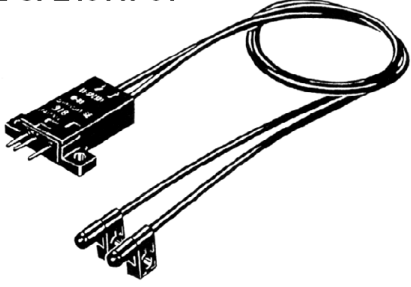


Terminal Arrangement

①	⊕	Vcc
②	OUT	OUTPUT
③	⊖	GND (0 V)

Model to be discontinued

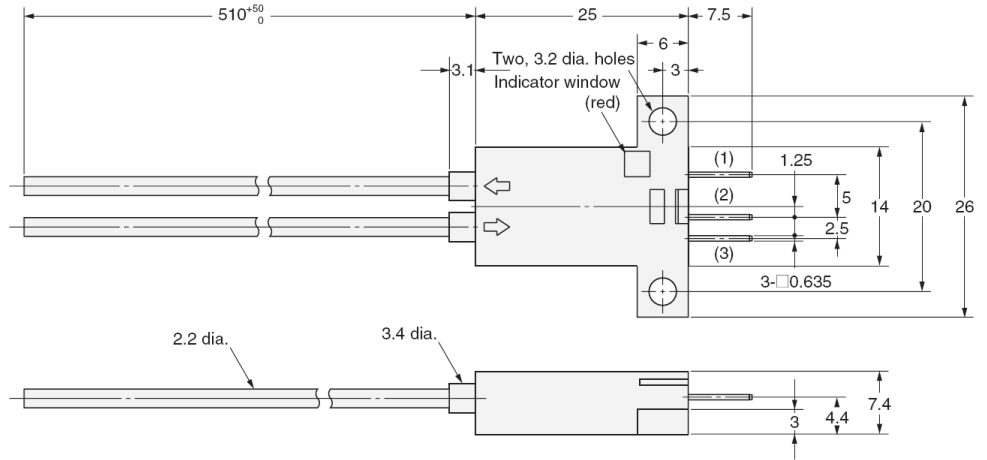
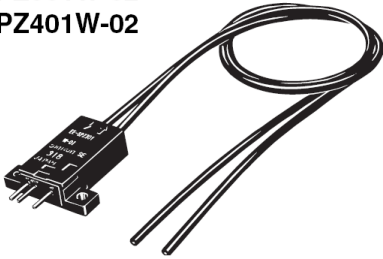
EE-SPZ301W-01
EE-SPZ401W-01



Terminal Arrangement

(1)	⊕	Vcc
(2)	OUT	OUTPUT
(3)	⊖	GND (0 V)

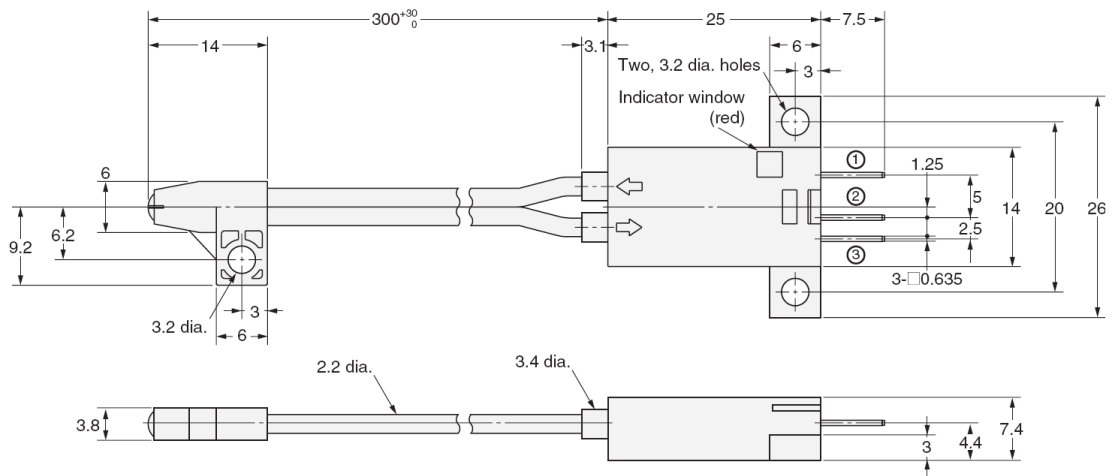
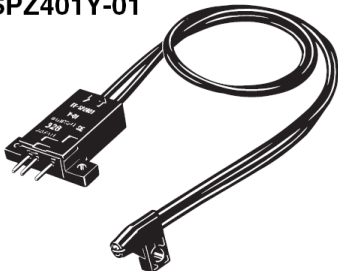
EE-SPZ301W-02
EE-SPZ401W-02



Terminal Arrangement

(1)	⊕	Vcc
(2)	OUT	OUTPUT
(3)	⊖	GND (0 V)

EE-SPZ301Y-01
EE-SPZ401Y-01



Terminal Arrangement

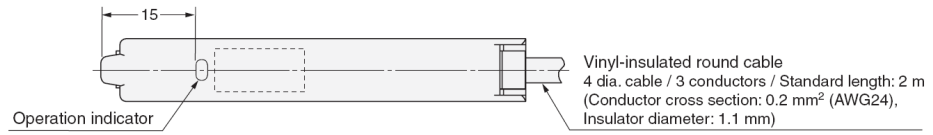
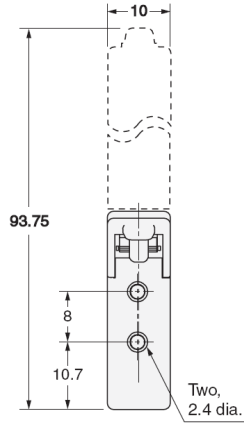
(1)	⊕	Vcc
(2)	OUT	OUTPUT
(3)	⊖	GND (0 V)

Recommended replacement

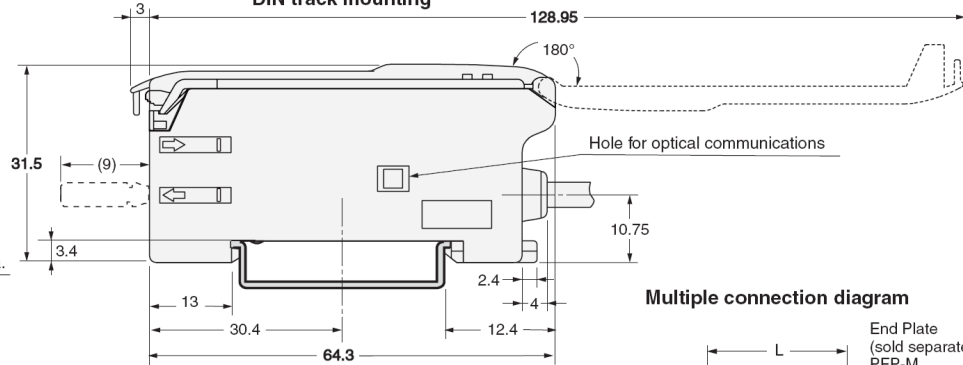
Amplifier Units with Cables

E3X-SD11

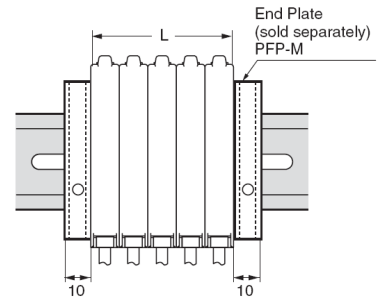
E3X-SD41



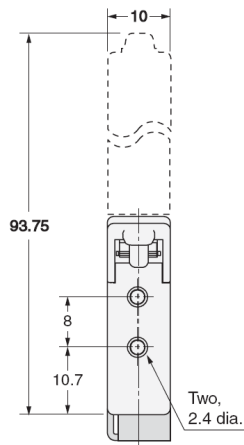
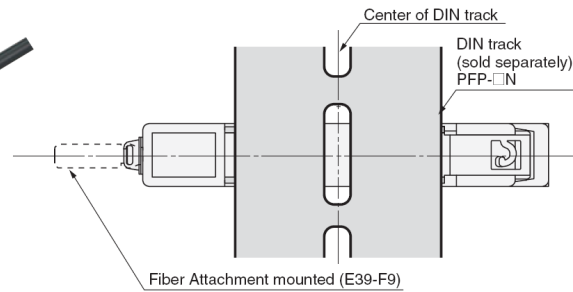
DIN track mounting



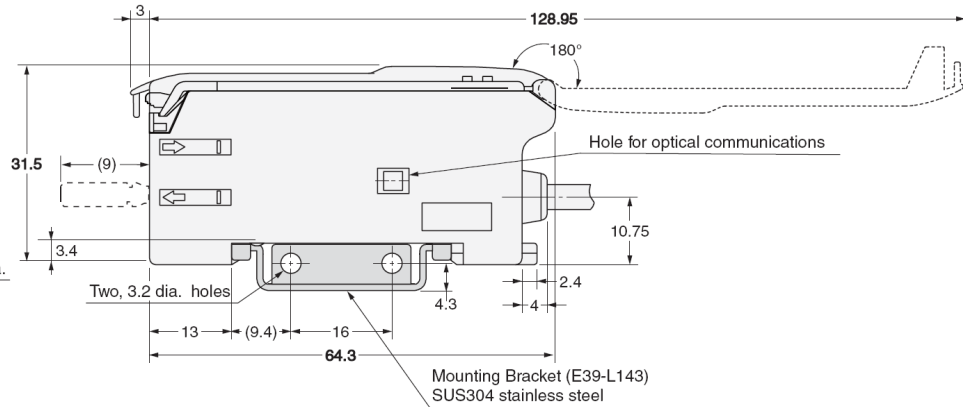
Multiple connection diagram



The number of expansion	L (mm)
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100



With Mounting Bracket Attached



Mounting Holes

