



Atsushi Matsumoto



Doc No.	D1B062 D5B035
---------	------------------

20 April, 2016
19 May, 2017 (Revised)
Page 1 of 3

SA1E Series

<u>SA1E</u>	-	<u>T</u>	<u>N</u>	<u>1</u>	<u>C</u>	<u>P</u>	<u>-NA</u>	<u>-*****</u>
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)

(1) Series SA1E

(2) Detection Mode

T: Through-Beam (Infrared LED Type)
TA: Through-Beam (Red LED Type)
P: Polarized Retro-reflective
D: Diffuse-reflective
N: Small-Beam Reflective
B: Background Suppression
G: Convergent Reflective

(3) Control Output

N: NPN
P: PNP

(4) Operation Model

1: Light On
2: Dark On

(5) Connection

C: M8 Connector (Output: Pin No. 4)
C2: M8 Connector (Output: Pin No. 2)
C3: M8 Connector (3 pin)

(6) (Only for Through-Beam Type)

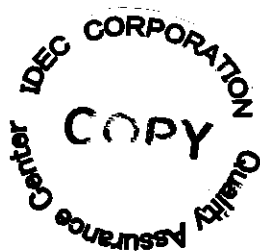
P: Projector
R: Receiver

(7) Sensitivity Adjustment

None: With Adjustment
-NA: Without Adjustment
(Only for Through-Beam Type and Polarized Retro-reflective Type)

(8) Manufacturer's control code (may be followed)

*****: Additional letters and/or numbers



Doc No.

D1B062
D5B035

20 April, 2016
19 May, 2017 (Revised)
Page 2 of 3

(For Cable Type)

<u>SA1E</u>	-	<u>T</u>	<u>N</u>	<u>1</u>	<u>P</u>	<u>-NA</u>	<u>-2M</u>	<u>-*****</u>
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)

(1) Series SA1E

(2) Detection Mode

T: Through-Beam (Infrared LED Type)
TA: Through-Beam (Red LED Type)
P: Polarized Retro-reflective
D: Diffuse-reflective
N: Small-Beam Reflective
B: Background Suppression
G: Convergent Reflective

(3) Control Output

N: NPN
P: PNP

(4) Operation Model

1: Light On
2: Dark On

(5) (Only for Through-Beam Type)

P: Projector
R: Receiver

(6).Sensitivity Adjustment

None: With Adjustment
-NA: Without Adjustment
(Only for Through-Beam Type and Polarized Retro-reflective Type)

(7) Connection

None: Cable 1 m
-*M : length of cable (*: any digit or number 0 to 10 to designate the cable length)

(8) Manufacturer's control code (may be followed)

*****: Additional letters and/or numbers



Doc No.	D1B062 D5B035
---------	------------------

20 April, 2016
19 May, 2017 (New)
Page 3 of 3

SA1E-X Series

<u>SA1E-X</u>	<u>N</u>	<u>1</u>	<u>C</u>	<u>-*****</u>
(1)	(2)	(3)	(4)	(5)

(1) Series SA1E-X

(2) Control Output

N: NPN

P: PNP

(3) Operation Model

1: Light On

2: Dark On

(4) Connection

None: Cable 1 m

-*M : length of cable (*: any digit or number 0 to 10 to designate the cable length)

C: Connector Type

(5) Manufacturer's control code (may be followed)

*****: Additional letters and/or numbers