


NO: SR-099
DATE: October 2020

PRODUCT: PA4600
TYPE: Discontinuation Notice

Discontinuation Notice of Safety Light Curtain PA4600 Series

Product Discontinuation	Recommended Replacement
 <p>PA4600 series All PA4600 and PA4600-BB Model PA46-BB-x-xxx PA4600-EPKT-xxxx</p>	<p>F3SG-PG Model F3SG-4PGAxxxx-xx Model F3SG-4PGAxxxx-xx N/A</p>

[Final order entry date]
March 31st, 2021

[Date of The Last Shipping]
April 30th, 2021

[Scheduled date of maintenance close]
March 31st, 2023

[Caution on recommended replacement]

The Intelligent Tap device (F39-SGIT-IL3) is required to configure some features via DIP switches, or in combination with the SD Manager 3 configuration tool.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
F3SG-4PGAxxxx-xx	**	--	--	--	*	*	*

** : Compatible

* : The change is a little/Almost compatible



-- : Not compatible

- : No corresponding specification

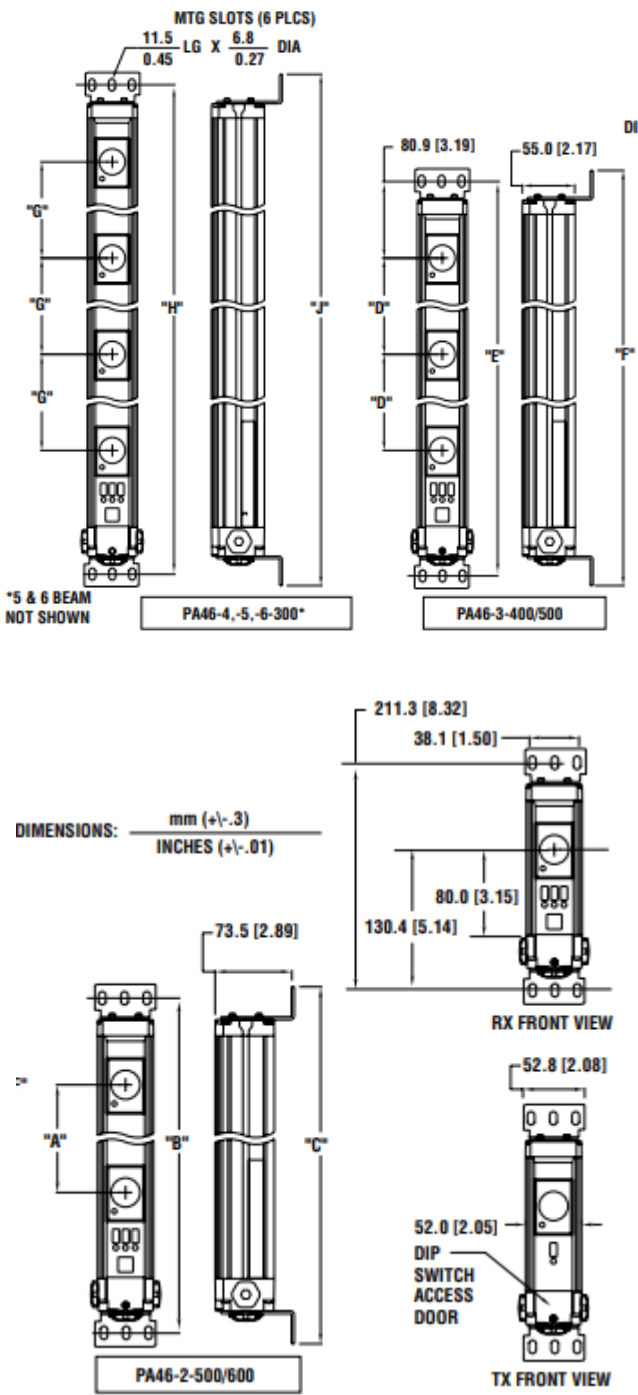
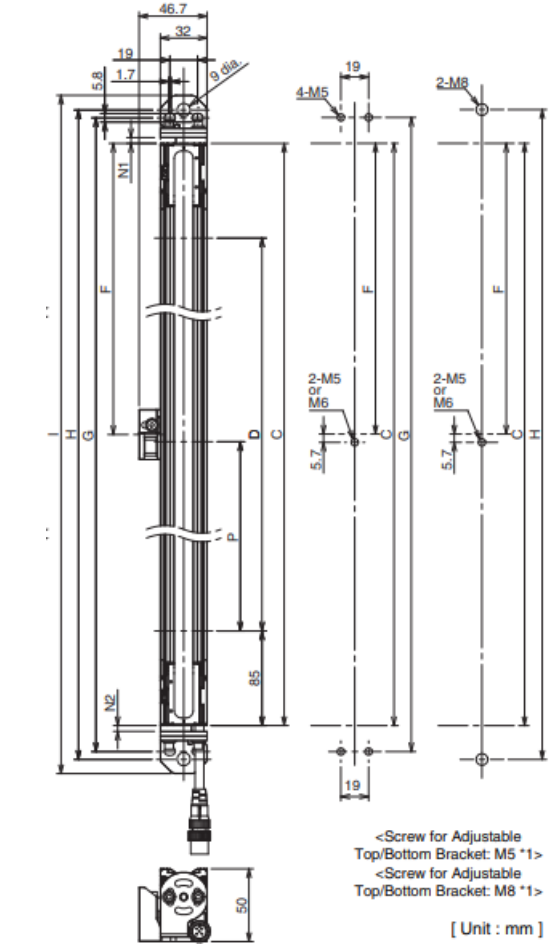
[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
PA46-1-000- [...]	N/A
PA46-2-500- [...]	F3SG-4PGA-0670-2L
PA46-2-600- [...]	N/A
PA46-3-400- [...]	F3SG-4PGA-0970-3L
PA46-3-500- [...]	N/A
PA46-4-300- [...]	F3SG-4PGA-1070-4L
PA46-5-300- [...]	N/A
PA46-6-300- [...]	N/A
PA46-BB-2-500- [...]	F3SG-4PGA-0670-2A
PA46-BB-2-600- [...]	N/A
PA4600-EPKT-0300	N/A
PA4600-EPKT-0600	N/A
PA4600-EPKT-0900	N/A
PA4600-EPKT-1200	N/A
All PA4600 Cables and brackets	Check F3SG datasheet for suitable cables and brackets

[Body color]

Product discontinuation Model PA4600 Series	Recommendable replacement Model F3SG-4PG
<p>Yellow</p> 	<p>Yellow</p> 

[Mounting dimensions]

Product discontinuation Model PA4600	Recommendable replacement Model F3SG-4PG																														
Standard mounting: Top & Bottom mounting brackets	Standard mounting: Side mounting brackets																														
 <p>MTG SLOTS (6 PLCS) 11.5 LG X 6.8 DIA 0.45 0.27</p> <p>*5 & 6 BEAM NOT SHOWN</p> <p>PA46-4, -5, -6-300*</p> <p>PA46-3-400/500</p> <p>PA46-2-500/600</p> <p>RX FRONT VIEW</p> <p>TX FRONT VIEW</p> <p>DIP SWITCH ACCESS DOOR</p> <p>DIMENSIONS: mm (+/- .3) INCHES (+/- .01)</p>	 <p><Screw for Adjustable Top/Bottom Bracket: M5 *1> <Screw for Adjustable Top/Bottom Bracket: M8 *1></p> <p>[Unit : mm]</p> <table><tr><td>Dimension C</td><td colspan="2">4-digit number of the type name (Protective height: △)</td></tr><tr><td>Dimension D</td><td colspan="2">C-170</td></tr><tr><td>Dimension G</td><td colspan="2">C+27.2+N1+N2</td></tr><tr><td>Dimension H</td><td colspan="2">C+38+N1+N2</td></tr><tr><td>Dimension I</td><td colspan="2">C+58+N1+N2</td></tr><tr><td>Dimension N1</td><td colspan="2">0 to 30</td></tr><tr><td>Dimension N2</td><td colspan="2">0 to 30</td></tr><tr><td rowspan="4">Dimension P</td><td>F3SG-4PGA0670-2□</td><td>500</td></tr><tr><td>F3SG-4PGA0970-3□</td><td>400</td></tr><tr><td>F3SG-4PGA1070-4□</td><td>300</td></tr><tr><td>F3SG-4PGA1370-4□</td><td>400</td></tr></table>	Dimension C	4-digit number of the type name (Protective height: △)		Dimension D	C-170		Dimension G	C+27.2+N1+N2		Dimension H	C+38+N1+N2		Dimension I	C+58+N1+N2		Dimension N1	0 to 30		Dimension N2	0 to 30		Dimension P	F3SG-4PGA0670-2□	500	F3SG-4PGA0970-3□	400	F3SG-4PGA1070-4□	300	F3SG-4PGA1370-4□	400
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Item	Product discontinuation Model PA4600	Recommendable replacement Model F3SG-PG
		b. Short – 0.5m to 20.0m (Typ. 30.0m)
Product Length (beam resolution)	231.6mm (1-beam) 1131.6mm, 1431.6mm, 1731.6mm (300mm) 1031.6mm (400mm) 731.6mm, 1231.6mm (500mm) 831.6mm (600mm)	1070mm (300mm) 970mm, 1310mm (400mm) 670mm (500mm)
Safety Output	Two PNP outputs, 625mA each	Two PNP Outputs, 300mA each
Beam Indicator	IBI (Individual Beam Indicators)	ABI (Area Beam Indicators)
Environmental Rating	IP67	IP65 and IP67

[Operation methods]

Item	Product discontinuation Model PA4600	Recommendable replacement Model F3SG-PG
EDM (External Device Monitoring)	Set manually on light curtain	Intelligent Tap/ SD Manager 3
Muting	Set manually on light curtain	SD manager 3
Floating Blanking	Set manually on light curtain	Intelligent Tap/ SD Manager 3
Fixed Blanking	Set manually on light curtain	Intelligent Tap/ SD Manager 3
Reduced Resolution	Set manually on light curtain	SD Manager 3
Range Selection	Set manually on light curtain	Intelligent Tap/ Wiring/ SD Manager 3
Response Time Adjustment	Set manually on light curtain	SD Manager 3

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.