Safety Light Curtain Replacement Operation Guide

Follow the instructions on the screen to select information about the product, functions and accessories you currently use.

A new product model that is an ideal replacement will be identified based on the selected information, and the differences in the specifications from the product you are using will be listed.

Usage flow of the website





Safety Light Curtain Replacement Operation Guide



Select a new product model

Select the functions you currently use Select the accessories you currently use

Select the product model you currently use



Next: Select a new product model

Select the accessories you currently use

Select a new product model

Replacement model

(1) Select a replacement model from the list of new product candidates.

Replacement candidates are selected based on whether the optical axis distance is the same as or the protective height is equivalent to or higher than that of the light curtain you are using. If multiple candidate models are displayed, normally select the model based on the protective height.

(2) Click [OK].



Select a new product model Select the functions you currently use

Select the accessories you currently use

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Select the functions you currently use

Click [OK]. You can check the differences functions selected from the methenew and old model for the new and old model fore for the new and old model for	-)		-		CII
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I don't know what functions I use.					

Next:

Select the accessories you currently use

Select the accessories you currently use

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Select the accessories you currently use - 1





Select the accessories you currently use

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Select the accessories you currently use - 2



Basic		Information about the accessories you current use	ly Information about the accessories required after replacement	
accessories you are	Selection menu Clear	Selection results		
using from the menu.	External indicator/Lamp ?	[Existing model] E3SG-4RA0160-14	[Replacement model]	
If upcloar of the	Bluetooth communication not supports	Exter	nal indicator/Lamp	
	O Bluetooth communication supports	Lamp F39-LP	Lamp F39-SGLP	
proceed to step 2 without	Laser Alignment Kit ?	* Connected to the receiver	* Can be connected to a emitter or receiver.	
proceed to step (2) without	Available	Las	ser Alignment Kit	
selecting anything.	Spatter Protection Cover	Laser Alignment Kit F39-PTG	Laser Alignment Kit F39-PTG	
	O Available		 Can be mounted on F3SG-SK with spatter protection cover. The Laser Alignment Kit (F39-PTG) currently in use can be used as it is 	
	Mirror Column		Laser Alignment Kit F39-PTS	
	Protective height up to 440 mm		* Can be attached to the front side of the F3SG-SR.	
	 Protective height up to 640 mm 	Mirror Column		
	 Protective height up to 740 mm 	Mirror Column F39-MLG0406	Mirror Column F39-SML0990	
	 Protective height up to 950 mm 	* Operating range becomes 12% shorter than the rating	 Protective height up to 880 mm Operating range becomes 15% shorter than the rating 	
	 Protective height up to 1100 mm 			
	\bigcirc Protective height up to 1250 mm	< Back	ок >	
	 Destaction height un to 1460 mm 		2	

Select the accessories you currently use

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Select the accessories you currently use - 3



Selection of the product, functions and accessories you currently use is now finished.

Next:

Check the differences in specifications between the new and old models in the list

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Check the differences in specifications between the new and old models in the list

The differences in specifications between the light curtain you currently use and the new model are listed based on the selected information.

The list can be output and shared in various ways to help you consider replacement.

		[Existing model]	[Replacement model]	
		F3SG-4RA0160-14	F3SG-4SR□0200-14-F	
		ψ		Click this button to display the product information page.
Object-seed align (Data		.,	* "A" or "8" will be inserted into □ In F3G-SH □, the model number of the replacement model. F3G-SH Comes equipped with the Area Bean Indicator (ABI) on the optical surface for an at a glance check of be in status. Product Information	Items with different specifications are displayed in
Beam g	ap (mm)	10	10	red.
Number	of beams	15	19	
Lens siz	ze (mm)	5.2 (W) × 3.4 (H)	4.4 (W) × 3.4 (H)	
Protective h	height (mm)	150		
		ON voltage: 0 to 3 V (Short circuit current: approx. 2.0 mA) OFF voltage: 9 V to Vs, or open (short circuit current: approx. 2.5 mA)	ergnt emission energy When commerced to 0 V ON voltage: 0 to 3 V (short circuit current: approx. 6.0 mA) OFF voltage: 1/2 Vs to Vs, or open (short circuit current: approx. 5.0 mA)	
Protectiv	ve circuit	Output short protection, Power supply reverse polarity protection	Output short protection	
Ambient tempera	ature (Operating)	-10~55°C (non-lcing)	-30~55°C (non-lcing)	Copy to URL
Ambient tempe	erature (Storage)	-25~70°C	-30~70°C	
Ambient humic	dity (Operating)	35~85%RH (non-condensing)	35~85%RH (non-condensing)	
Ambient illuminance	: Incandescent lamp	3,000 lx max. on receiver surface	3,000 lx max. on receiver surface	You can copy the URL of the
Ambient illumin	nance : Sunlight	10,000 lx max. on receiver surface	10,000 lx max. on receiver surface	webpage you are viewing.
Insulation	resistance	20 MΩ or higher (500 VDC megger)	20 MΩ or higher (500 VDC megger)	Sending the URL to a person wit
Dielectric	c strength	1,000 VAC, 50/60 Hz (1 min)	1,000 VAC, 50/60 Hz (1 min)	which you wish to share the
Degree of protect	ction (IEC 60529)	1P65 and 1P67	JIS C 0920 Annex 1: IP67G	results allows sharing the same
Vibration resistan	nce (IEC 61496-1)	10 to 55 Hz, Multiple amplitude of 0.7 mm, 20 sweeps for all 3 axes	10 to 55 Hz, Multiple amplitude of 0.7 mm, 20 sweeps for all 3 axes	information as you see
Shock resistant	ce (IEC 61496-1)	100m/s ² , 1000 shocks for all 3 axes	100m/s ² , 1000 shocks for all 3 axes	immediately
		Function		
		[Existing model] F3SG-4RA0160-14	[Replacement model] F3SG-45R□0200-14-F *"A" or "8" will be inserted into □ In 73G-58□, the model number of the replacement model. F3SG-58A comes equipped with the Area Beam indicator (AB) on the optical surface for an al-a-glance check of beam status.	Export to CSV
Intellig	gent tap	-	F39-SGIT-IL3	
ツ-	- JL	SD Manager2 (Please download from the web)	SD Manager3 (Please download from the web)	You can save the list of difference
Interlock (Start/Restart i res	interlock disabled (Auto- set))	Factory default security-factor wester induce Can be changed by F3SG-RA's DIP-SW or Configuration Tool (SD Manager2)	ractry densities settings-auto reset intoide Can be changed by DIP-SW of the intelligent Tap or the Configuration Tool (SD Manager3) * To change the settings of the F3SG-SR, the optional Intelligent Tap (F39- SGTI-L3) is required	as a CSV file. This helps prevent ordering mistakes because there is no nee
Fixed B	Blanking	Factory default setting:Disabled Can be changed by F3SG-RA ¹ S DIP-SW or Configuration Tool (SD Manager2)	Factory default setting:Disabled Can be changed by DIP-SW of the Intelligent Tap or the Configuration Tool (SD Manager3) * To change the settings of the F3SG-SR, the optional Intelligent Tap (F39- SGTI-L3) is required	to manually input the model and other information for ordering.
	\sim			
		optional accessory		Print 6
		F3SG-4RA0160-14	[keplacement model] F3SG-4SR=0200-14-F * "A" or "B" will be inserted into] In F3SG-58(, Conserved, Jacobian Conserved) F3SG-58A conse equipped with the Area Beam Indicator (ABI) on the	You can print the list of
	External indicator/Lamp	Lamp F39-LP	Lamp F39-SGLP	differences.
	,	Connected to the receiver	- Can be connected to a emitter or receiver. Laser Alignment Kit C20 DTC	
Basic	Laser Alignment Kit	Laser Augment Nt F39-Y10	Laser Alignment ML 19:39-110 Can be available on F35G-SR With spatter protection cover. * The Laser Alignment Kit (F39-PTG) currently in use can be used as it is. Laser Alignment Kit F39-PTG Can be attached to the front side of the F35G-SR.	
	Mirror Column	Mirror Column F39-MLG0406 * Operating range becomes 12% shorter than the rating	Mirror Column F39-SML0990 * Protective height up to 880 mm * Operating range becomes 15% shorter than the rating	
		Configuration software SD Manager2	Configuration software SD Manager3 (Please download from the web)	Copy URL
Tool • Monitor	PC Tool	Interface Unit(IF-U) F39-GIF	Intelligent Tap F39-SGIT-IL3 * Can use a USB Type-C cable (for data transfer) as the communication cable with the intelligent Tap * The Intelligent Tap can also be used to make IO-Link connections to	