PRODUCT NEWS

OMRON

NO: LC-078
DATE: June 2020

PRODUCT: MS4800S
TYPE: Discontinuation Notice

Discontinuation Notice of Safety Light Curtain MS4800S and accessories

Product Discontinuation		Recommended Replacement
All MS4800 & MS2800 Series		**F3SG-4SR & F3SG-2SR Series**
Mirrors MIR[…] & F39-MLG[…]		**Mirrors F39-SML[…]** ***(To be available in Fall 2020)***
Resource Module		
RM-2AC-IP		**N/A**
MS4800-RM6		**N/A**
All accessories for MS4800		**Equivalent accessories for F3SG**

[Final order entry date]
March 31st, 2021

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

[Scheduled date of maintenance close]
June 30th, 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	Dimen-sions	Wire connection	Mounting Dimensions	Charac-teristics	Operation ratings	Operation methods
F3SG-[]SRA	**	--	--	--	*	*	*
F3SG-[]SRB	**	--	--	--	*	*	*
F39-SML	*	--	-	--	*	*	*

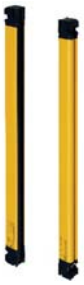
** : Compatible
* : The change is a little/Almost compatible
-- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

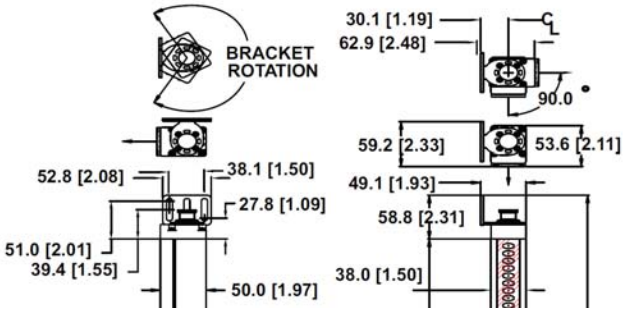
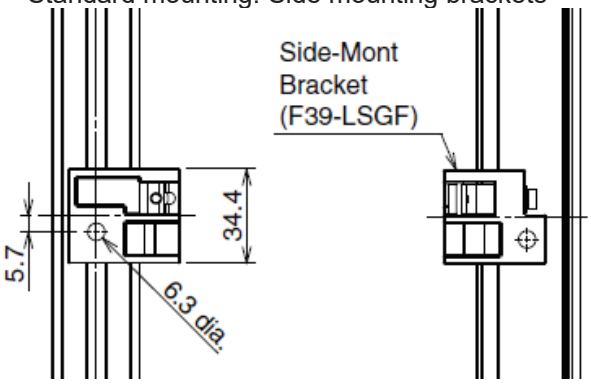
Product discontinuation	Recommended replacement
Safety Light Curtains	
MS4800S-14-[…]	F3SG-4SRA[…]-14
MS4800S-20-[…]	F3SG-4SRA[…]-14
MS4800S-30-[…]	F3SG-4SRA[…]-25
MS4800S-40-[…]	F3SG-4SRA[…]-45
MSF4800[ ]-14-[…]	F3SG-4SRA[…]-14
MSF4800[ ]-20-[…]	F3SG-4SRA[…]-14
MSF4800[ ]-30-[…]	F3SG-4SRA[…]-25
MSF4800[ ]-40-[…]	F3SG-4SRA[…]-45
MS4800[ ]-EB-014-[…] (European Models)	F3SG-4SRB[…]-14
MS4800[ ]-EB-030-[…] (European Models)	F3SG-4SRB[…]-25
MS4800[ ]-EA-014-[…] (European Models)	F3SG-4SRA[…]-14
MS4800[ ]-EA-030-[…] (European Models)	F3SG-4SRA[…]-25
MS2800[ ]-EB-014-[…] (European Models)	F3SG-2SRB[…]-14
MS2800[ ]-EB-030-[…] (European Models)	F3SG-2SRB[…]-25
MS2800[ ]-EA-014-[…] (European Models)	F3SG-2SRA[…]-14
MS2800[ ]-EA-030-[…] (European Models)	F3SG-2SRA[…]-25
MS4800B-20-0680-[…]-4LP (Customer specific models)	F3SG-4SRB0680-14-[…]
Mirrors	
MIRN-[][]FG (narrow glass) MIRW-[][]FG (wide glass) MIRW-[][]SS (wide stainless steel) MIR-[][]SS-ESD (narrow stainless) steel) F39-MLG[…]	F39-SML[][][][] (to be available in Fall 2020)
Floor Stands	
MIRS-[][]	F39-ST[][][][] (to be available in Fall 2020)
PA-STAND-[][]	F39-ST[][][][] (to be available in Fall 2020)
MIR45BKT	N/A
Weld Slag Protective Shields	
MS4800WS-[…]	F39-HSG[…]
Enclosures	
MS4800-IP67-[…]	N/A
MS4800-EPKT-[…]	N/A
Resource Module	
RM-2AC-IP	N/A
RM-2AC-IP-CX1	N/A
RM2ACIP-RLY	N/A

Product discontinuation	Recommended replacement
Safety Light Curtains	
MS4800-RM6	N/A (No need for F3SG-4SR)
Other Accessories	
Shock mounting Kits SHMS-18 SHP4-18	N/A
Laser alignment tool 46LA	F39-PTG
MS4800-RM6	N/A
RK-1 RK-2	N/A
All MS4800 Cables and brackets	Check F3SG datasheet for suitable cables and brackets

[Body color]

Product discontinuation Model MS4800S & MS2800S	Recommendable replacement Model F3SG-[]SRA & F3SG-[]SRB
Yellow	Yellow 

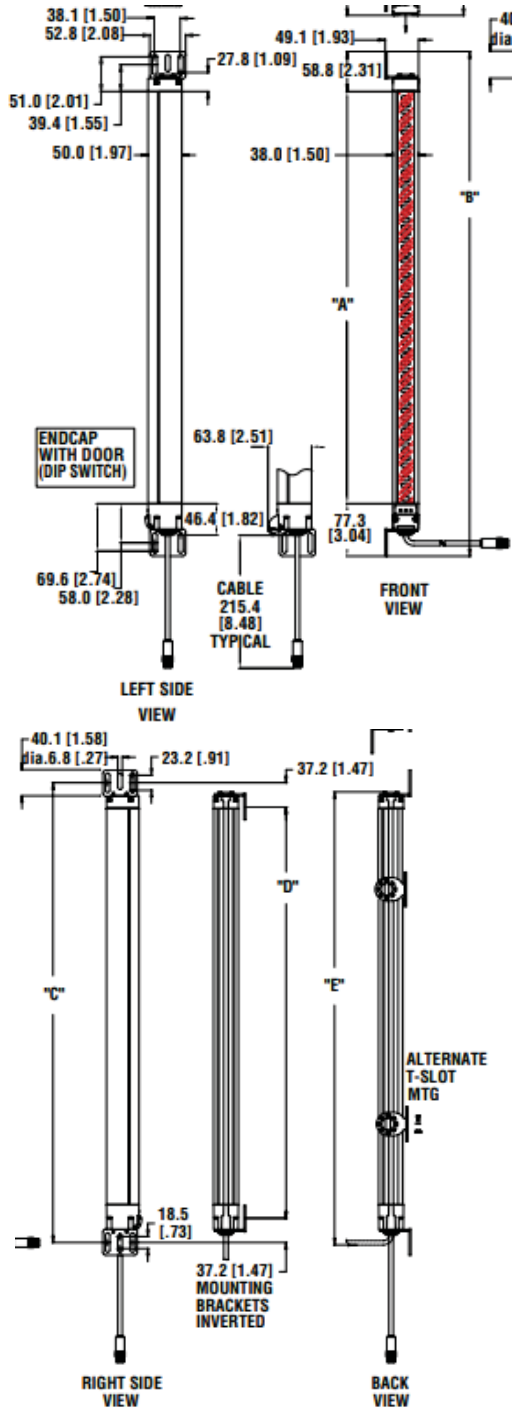
[Mounting dimensions]

Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
Standard mounting: Top & Bottom mounting brackets 	Standard mounting: Side mounting brackets 

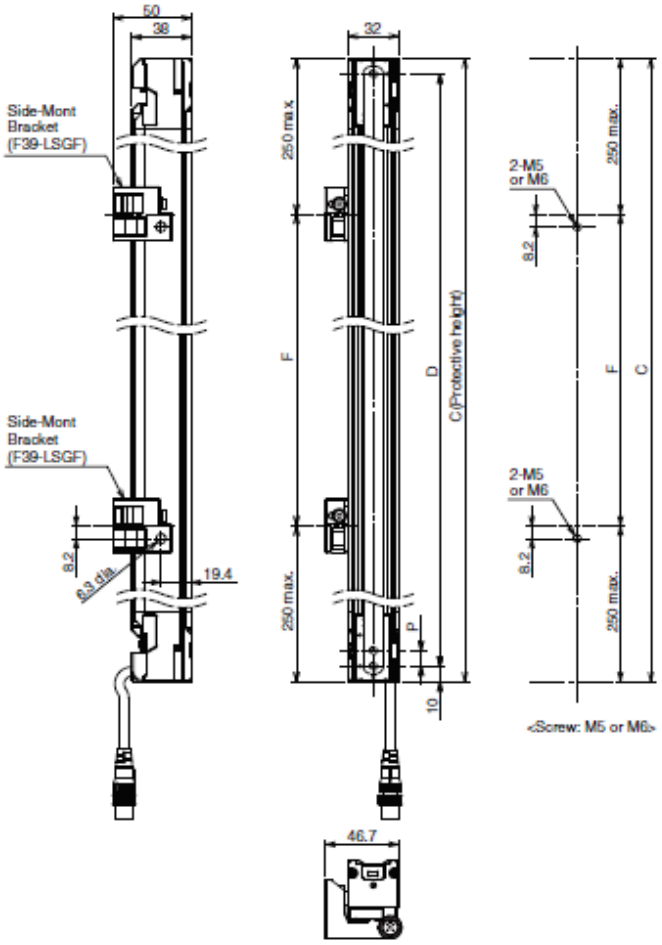
[Dimensions]

Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB

Old Dimensions



New Dimensions.

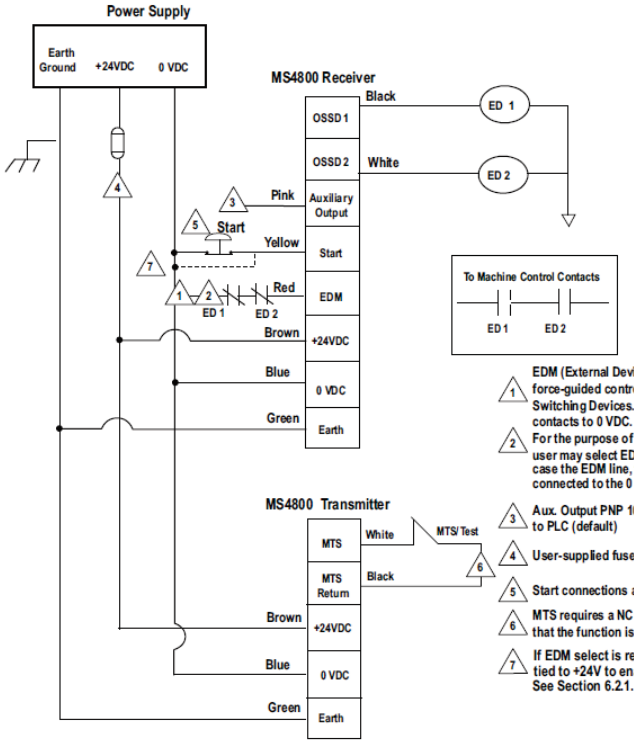
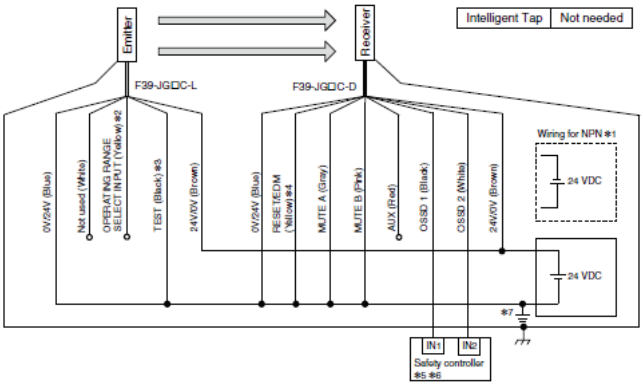


Dimension C	4-digit number of the type name (Protective height: △)	
Dimension D	F3SG-□SR□△△△△-14	C-20
	F3SG-□SR□△△△△-25	
	F3SG-□SR□△△△△-45	C-40
	F3SG-□SR□△△△△-85	
Dimension P	F3SG-□SR□△△△△-14	10
	F3SG-□SR□△△△△-25	20
	F3SG-□SR□△△△△-45	40
	F3SG-□SR□△△△△-85	80

Protective height (Dimension C)	Number of Side-Mount Bracket *	Dimension F
0160 to 1440	2	1000 mm max.
1520 to 2480	3	1000 mm max.

Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
How to Calculate System Dimensions: **Example: MS4800S-30-0720** 0720 represents a sensing field of 720 mm Dimension A = sensing field Dimension B = A + 136.0 mm Dimension C = A + 97.3 mm Dimension D = A + 22.9 mm Dimension E = A + 86.9 mm	

[Wire connection]

Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
Wiring Diagram. 	Wiring Diagram 

[Characteristics]

Item	Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
Programming Tool	N/A	Intelligent Tap and/or SDManager 3
Resolution/Detection Capability	14mm, 20mm, 30mm, 40mm	14mm, 25mm, 45mm, 85mm

Item	Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
Maximum Operating Range	7m (14mm), 20m (20,30, 40mm)	10m (14mm), 20m (25,45,85 mm)
Protective Height	240-1800mm (14,20mm) 280-2120mm (30mm) 360-2040mm (40mm)	160-2000mm (14mm) 160-2480mm (25mm) 240-1520mm (45mm) 280-920mm (85mm)
Safety Output	Two PNP outputs, 500mA each	Two PNP Outputs, 300mA each
Beam Indicator	IBI (Individual Beam Indicators)	ABI (Area Beam Indicators)
Environmental Rating	IP65	IP65, IP67 and IP67G

[Operation methods]

Item	Product discontinuation Model MS4800S/ MS2800S	Recommendable replacement Model F3SG-[]SRA/ F3SG-[]SRB
EDM (External Device Monitoring)	Wiring	Intelligent Tap/ SD Manager 3
Muting	Through RM-6	SD manager 3
Floating Blanking	DIP switches	Intelligent Tap/ SD Manager 3
Fixed Blanking	DIP switches	Intelligent Tap/ SD Manager 3
Reduced Resolution	N/A	SD Manager 3
Range Selection	DIP switches	Intelligent Tap/ Wiring/ SD Manager 3
Response Time Adjustment	N/A	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.