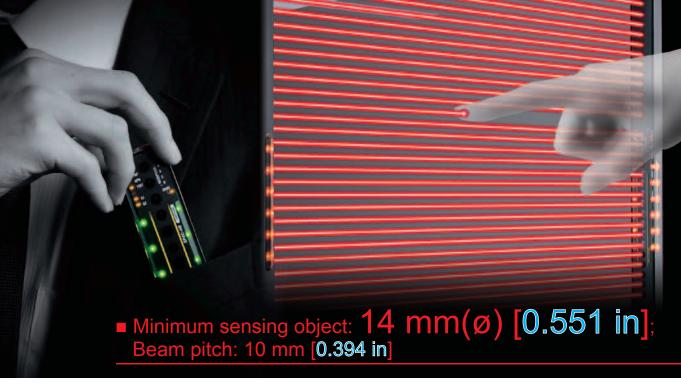
Panasonic ideas for life

Type4 PLe SIL3 Ultra-slim LIGHT CURTAIN

SF4C-F SERIES

Conforming to OSHA / ANSI





Tighter Beam Pitch

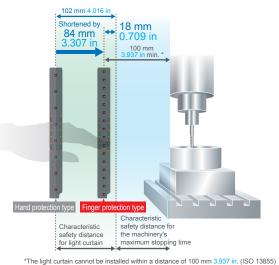
The SF4C-F light curtain has a 10 mm 0.394 in beam pitch which allows additional protection while reducing overall size.



Calculation based on ISO 13855 with 41 ms or longer being the machinery's maximum stopping time

Simple Safety Distance Calculations

The response time of all finger protection light curtains in the SF4C-F series is 9 ms or less. Recalculation of the safety distance is unnecessary for each time light curtain length is changed.





Туре		Annogrange	Operating range	Model No.		Number of	Durata ativa hajada (asas is)
		Appearance		Pigtailed type	Cable type	beam channels	Protective height (mm in)
	sensing object ø14 mm ø0.551 in (10 mm 0.394 in beam pitch)	® Beam	0.1 to 3 m 0.328 to 9.843 ft	SF4C-F15-J05	SF4C-F15	15	160 mm 6.299 in
		\text{channel No.} 10 mm \\ 0.394 in		SF4C-F23-J05	SF4C-F23	23	240 mm 9.449 in
ion typ		Protective height		SF4C-F31-J05	SF4C-F31	31	320 mm 12.598 in
protection type				SF4C-F39-J05	SF4C-F39	39	400 mm 15.748 in
Finger p				SF4C-F47-J05	SF4C-F47	47	480 mm 18.898 in
臣		Beam pitch 10 mm 10 mm 0.394 in		SF4C-F55-J05	SF4C-F55	55	560 mm 22.047 in
	Min. sens			SF4C-F63-J05	SF4C-F63	63	640 mm 25.197 in

Spare parts (Accessories for light curtain)

Designation	Model No.	Description		
		Min. sensing object for regular checking (ø14 mm ø0.551 in)		

LIGHT CURTAIN INDIVIDUAL SPECIFICATIONS

		Туре	Min. sensing object ø14 mm ø0.551 in type (10 mm 0.394 in beam pitch)							
	Pigta Cab	ailed type	SF4C-F15-J05	SF4C-F23-J05	SF4C-F31-J05	SF4C-F39-J05	SF4C-F47-J05	SF4C-F55-J05	SF4C-F63-J05	
Item	\	le type	SF4C-F15	SF4C-F23	SF4C-F31	SF4C-F39	SF4C-F47	SF4C-F55	SF4C-F63	
No. of beam channels		15	23	31	39	47	55	63		
Pro	Protective height		160 mm 6.299 in	240 mm 9.449 in	320 mm 12.598 in	400 mm 15.748 in	480 mm 18.898 in	560 mm 22.047 in	640 mm 25.197 in	
Current consumption	nurnose indicator I		Emitter: 70 mA or less Receiver: 80 mA or less	Emitter: 75 mA or less Receiver: 85 mA or less		Emitter: 80 mA or less Receiver: 90 mA or less		Emitter: 85 mA or less Receiver: 95 mA or less		
Current co	Large multi- purpose indicator lights up Emitter: 105 mA or less Receiver: 110 mA or less		Emitter: 110 mA or less Receiver: 115 mA or less		Emitter: 115 mA or less Receiver: 120 mA or less		Emitter: 120 mA or less Receiver: 125 mA or less			
PFI	PFHD		2.29 × 10 ⁻⁹	2.73 × 10 ⁻⁹	3.18 × 10 ⁻⁹	3.62 × 10 ⁻⁹	4.06 × 10 ⁻⁹	4.50 × 10 ⁻⁹	4.95 × 10 ⁻⁹	
MT	MTTFd		100 years or more							
/Tota	. 11.71.		210 g approx.	270 g approx.	340 g approx.	400 g approx.	470 g approx.	540 g approx.	600 g approx.	
emit	ter and cabl	le type	600 g approx.	670 g approx.	730 g approx.	800 g approx.	860 g approx.	930 g approx.	1,000 g approx.	

DIFFERENCES FROM THE HAND PROTECTION TYPE

	Response time	Beam pitch	Min. sensing object	Position of digital error indicator (Note 1)	Current consumption, PFHD and net weight	
Hand protection type	7 ms	20 mm 0.787 in	ø25 mm ø0.984 in	SF4C-H□ SF4C-F□ (Hand protection type) (Finger protection type)	Refer to the SF4C	
Finger protection type	9 ms	10 mm 0.394 in	ø14 mm ø0.551 in	Digital error indicator	series catalog or our website.	

Notes: 1) SF4C-F15 (-J05) is not equipped with a digital error indicator.

For further information including specifications, refer to the SF4C series catalog and our website.

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²⁾ The finger protection type is not certified with the Korean S mark. Other specifications, the I/O circuit, and options, etc., are the same as the