

Light Curtain

Safety Light Curtains with No Dead Zone

The F3SJ-A system is a full featured safety light curtain that meets demanding and complex guarding requirements. Inside its compact housing the F3SJ-A combines several features which allow it to be used in a variety of ways. These features include a warning zone function, as well as fixed and floating blanking. Also included is a valuable feature known as "partial muting". For complete safety, External Device Monitoring (EDM) is included and cross-talk prevention features are standard. For ease of use, the F3SJ-A can be configured by using either a handheld setting console or by connecting to a computer running the convenient and comprehensive SD Manager programming software.

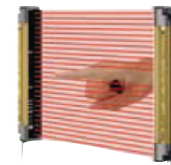
Safety category 4 - Meets standards international standards : IEC61496-1, IEC61496-2, IEC61508 1998 (SIL3).
EU legislation EN standards : Machinery directive, EMC Directive, EN61496-1,
EN61496-2, EN61508 2001 (SIL3) JIS standards : JIS B9704-1, B9704-2.



20 mm Resolution, Emitter and Receiver Set

- Detection Capability : 20 mm Diameter
- Beam Gap : 15 mm, Operating Range : 0.2-9 m

Number	Price ฿	Mfr's	Protective Height (mm)	No. of Beams
328F 0307	---	F3SJ-A0245P20	245	16
328F 0308	---	F3SJ-A0305P20	305	20
328F 0309	---	F3SJ-A0455P20	455	30
328F 0310	---	F3SJ-A0605P20	605	40
328F 0311	---	F3SJ-A0755P20	755	50
328F 0312	---	F3SJ-A0905P20	905	60
328F 0313	---	F3SJ-A1025P20	1025	68



30 mm Resolution, Emitter and Receiver Set

- Detection Capability : 30 mm Diameter
- Beam Gap : 25 mm, Operating Range : 0.2-9 m

Number	Price ฿	Mfr's	Protective Height (mm)	No. of Beams
428F 0307	---	F3SJ-A0245P30	245	10
428F 0308	---	F3SJ-A0320P30	320	13
428F 0309	---	F3SJ-A0395P30	395	16
428F 0310	---	F3SJ-A0470P30	470	19
428F 0311	---	F3SJ-A0620P30	620	25
428F 0312	---	F3SJ-A0695P30	695	28
428F 0313	---	F3SJ-A0770P30	770	31
428F 0314	---	F3SJ-A0870P30	870	35
428F 0315	---	F3SJ-A0920P30	920	37
428F 0316	---	F3SJ-A1045P30	1045	42
428F 0317	---	F3SJ-A1220P30	1220	49

- Resolution : 20 mm (0.79 In.), 30 mm (1.18 In.).
- Protected Heights : 20 mm and 30 mm Protected heights from 245 to 2495 mm (9.6 to 98 In.).
- Space-Saving slim profile, Measures Just 30 W x 24 D mm; Easily fits into existing equipment.
- Two new tools simplify setting Parameters and Checking the system status : "SD Manager" PC Setting Support Software.
- On-Board muting functionality enabled by a low-cost optional key cap requires no external muting controller.
- Blanking function disables specific beams of the safety light curtain.
- A Warning zone can be set to alert people before they enter a Danger zone using single or series-connected units when horizontally mounted.
- Mounting brackets (Included) allow easy tightening of mounting Screws and Aligning of the beams after the sensor is mounted.
- Flexible cables with a 5 mm bending radius makes wiring in tight mounting spaces easy.
- Resistant to Mutual interference; No wiring between sensors and No interference for Up-to-Three sets.
- Complies with the Latest international safety standards and Regulations.

Single - End Connector Cable

For wiring with safety circuit such as single safety relay, Safety relay unit and Safety controller.

Number	Price ฿	Mfr's	Description
428F 3907	---	F39-JC3A	M12 connector (8-pin), 3 m (9.8 ft.)
428F 3908	---	F39-JC7A	M12 connector (8-pin), 7 m (23.0 ft.)
428F 3909	---	F39-JC10A	M12 connector (8-pin), 10 m (32.8 ft.)

Muting Items

Number	Price ฿	Mfr's	Description
528F 3907	---	F39-CN6	Cap attaches to the main unit to enable muting function, attach to either an emitter or a receiver, orange case
528F 3908	---	F39-JJ3N	Cable to connect top of the main unit and an off-the-shelf external indicator (2-wire), 3 m (9.8 ft.)
528F 3909	---	F39-A01PY-PAC	Indicator (yellow), mounting bracket (1 set), and dedicated connection cable (0.1 m)
528F 3910	---	F39-TC5P01	Connector Terminal Box with Muting Sensor Output Mode (PNP) 364.00