Product Notice

End of Life Notification
EOL: SS4 Flame Detectors

Regions Affected: **Global**

Dear Customers and Colleagues

Effective July 4, 2020, the SS4 Flame Detectors will no longer be available. As an alternative solution please refer to the model FS20X Multi-Spectrum (UV/IR/VIS) Fire and Flame Detector or the FSL100 Flame Detector product lines.

End of support for the SS4 Flame Detector: December 31, 2025.

As the FS20X and the FSL100 Flame detector are not a complete 1-for-1 solution, extra care should be taken in calculating of the coverage area to determine the number of flame detectors that are required.

Note that FoV is a ratio calculation; the angle at which the detection distance falls to set percentage of the on axis range (FM3260 = 50%, EN541-0 =70%). Hence, a longer range flame detector such as FS20X may cover a greater solid area than a shorter range detector such as SS4. If in doubt, seek advice from your local representative. More information related to the functionality of the FS20X and FSL100 as compared to the SS4 are contained in the below table:

	SS4	FS20X	FSL100
Hazardous locations	C1D1	C1D1	C1D2
FOV (Field of Vision)	120 Degree	90 Degree	90 Degree
Distance (on axis) *Switch Selectable*	*Up to 60 ft	*Up to 200 ft	Up to 80 ft
	*Up to 45 ft	*Up to 150 ft	
	*Up to 30 ft	*Up to 100 ft	
	*Up to 15 ft	*Up to 50 ft	

Alternative part numbers

UV/IR Detectors		
SS4 Series	**FS20x**	**Description / Notes**
SS4-A2	FS20X-211-21-2	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) ¾" NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-A2-C-E*	FS20X-211-23-3	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-A2-C-E-H*	FS20X-212-23-3	Dual IR/UV copper-free aluminum encl. with (2) M25 entries, ATEX/IECEx, HART module factory installed
SS4-A2-C-E-M*	FS20X-211-23-3	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-A2-CSS-E*	FS20X-211-24-3	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1

Product Notice

SS4-A2-CSS-E-H*	FS20X-212-24-3	Dual IR/UV 316 stainless steel encl. with (2) M25 entries, ATEX/IECEx, HART module factory installed
SS4-A2-CSS-E-M*	FS20X-211-24-3	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-A2-H	FS20X-212-21-2	Dual IR/UV copper-free aluminum encl. with (2) 3/4 in. entries, FM/cFM, HART module factory installed
SS4-A2-M	FS20X-211-21-2	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) ¾" NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-A2-SS	FS20X-211-22-2	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) ¾"NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-A2-SS-H	FS20X-212-22-2	Dual IR/UV 316 stainless steel encl. with (2) 3/4 in. entries, FM/cFM, HART module factory installed
SS4-A2-SS-M	FS20X-211-22-2	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) ¾"NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-AS2	FS20X-211-21-2	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) ¾" NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-AS2-C-E*	FS20X-211-23-3	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-AS2-C-E-H*	FS20X-212-23-3	Dual IR/UV copper-free aluminum encl. with (2) M25 entries, ATEX/IECEx, HART module factory installed
SS4-AS2-C-E-M*	FS20X-211-23-3	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-AS2-CSS-E*	FS20X-211-24-3	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-AS2-CSS-E-H*	FS20X-212-24-3	Dual IR/UV 316 stainless steel encl. with (2) M25 entries, ATEX/IECEx, HART module factory installed
SS4-AS2-CSS-E-M*	FS20X-211-24-3	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) M25 entries, FM, cFM, ATEX, IECEx for Class I, Zone 1
SS4-AS2-H	FS20X-212-21-2	Dual IR/UV copper-free aluminum encl. with (2) 3/4 in. entries, FM/cFM, HART module factory installed
SS4-AS2-M	FS20X-211-21-2	DUAL IR/UV FLAME DETECTOR Copper-Free Aluminum Encl. with (2) ¾" NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-AS2-SS	FS20X-211-22-2	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) ¾"NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III

Product Notice

SS4-AS2-SS-M	FS20X-211-22-2	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) ¾"NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III
SS4-AS2-SS-H	FS20X-212-22-2	DUAL IR/UV FLAME DETECTOR Stainless Steel Encl. with (2) ¾"NPT entries, FM, cFM for Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III, HART module factory installed

*CE mark and ATEX certification no longer available since 2017

UV Only Detectors		
SS4 Series	**FSL100**	**Description / Notes**
SS4-AUV2	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-C-E*	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-C-E-H*	n/a	HART is not available on the FSL100
SS4-AUV2-C-E-M*	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-CSS-E*	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-CSS-E-H*	n/a	HART is not available on the FSL100
SS4-AUV2-CSS-E-M*	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-H	n/a	HART is not available on the FSL100
SS4-AUV2-M	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-SS	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink
SS4-AUV2-SS-H	n/a	HART is not available on the FSL100
SS4-AUV2-SS-M	FSL100-UV	UV flame detector. Suitable for ATEX zone 2/22; FM 3611 Class 1,2&3 Div2 EN54-10 (HIGH sensitivity) certificate. FM3260 approval. Red Housing, GRP Enclosure, 4-20mA Sink

*CE mark and ATEX certification no longer available since 2017

Product Notice

For more information on the suitable alternative products, or best product selection for your application, please contact your local sales representative or visit the Honeywell Analytics website: http://www.honeywellanalytics.com/.

Regards

Peter Harrie
Global Product Manager – Fixed Gas
Honeywell Analytics