

NEW



Trade Fair Information

Flame Scanner System F350/FFS30



Sensors and systems for combustion engineering

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A New Recent Addition to LAMTEC Scanner Generation.

With Flame Scanner System F350/FFS30, LAMTEC scanner family obtains a further innovative flame scanner used for various range of operations and in nearly all of the monitoring tasks. Another high-end product is made available to operators of industry combustion and power plants in order to cope with the high demands of complex combustions in a safe, reliable and effective manner.

Comparing to Compact Flame Scanner F300K, this flame scanner system is comprised of a data interpreting device F350, which is specially designed for top hat rail mounting.

Supply voltage: 24 VDC
Relay output: ≤ 250 VAC
 ≤ 120 VDC

The flame sensor FFS30 would be delivered in high qualitative stainless steel housing. The wiring takes place using plug as well as cable gland directly on the sensor housing. Advantage: Due to having the same dimensions as FFS05 and FFS07, previously available brackets are also suitable for FFS30. The cable length between the flame sensor and F350 can be up to 80 m. The housing has a protection class of IP67. In the standard version, FFS30 is approved for Ex-Zone-II. A design for Ex-Zone-I is also available (as with FFS07). Operating temperature range is $-40^{\circ}\text{C} \dots +80^{\circ}\text{C}$.

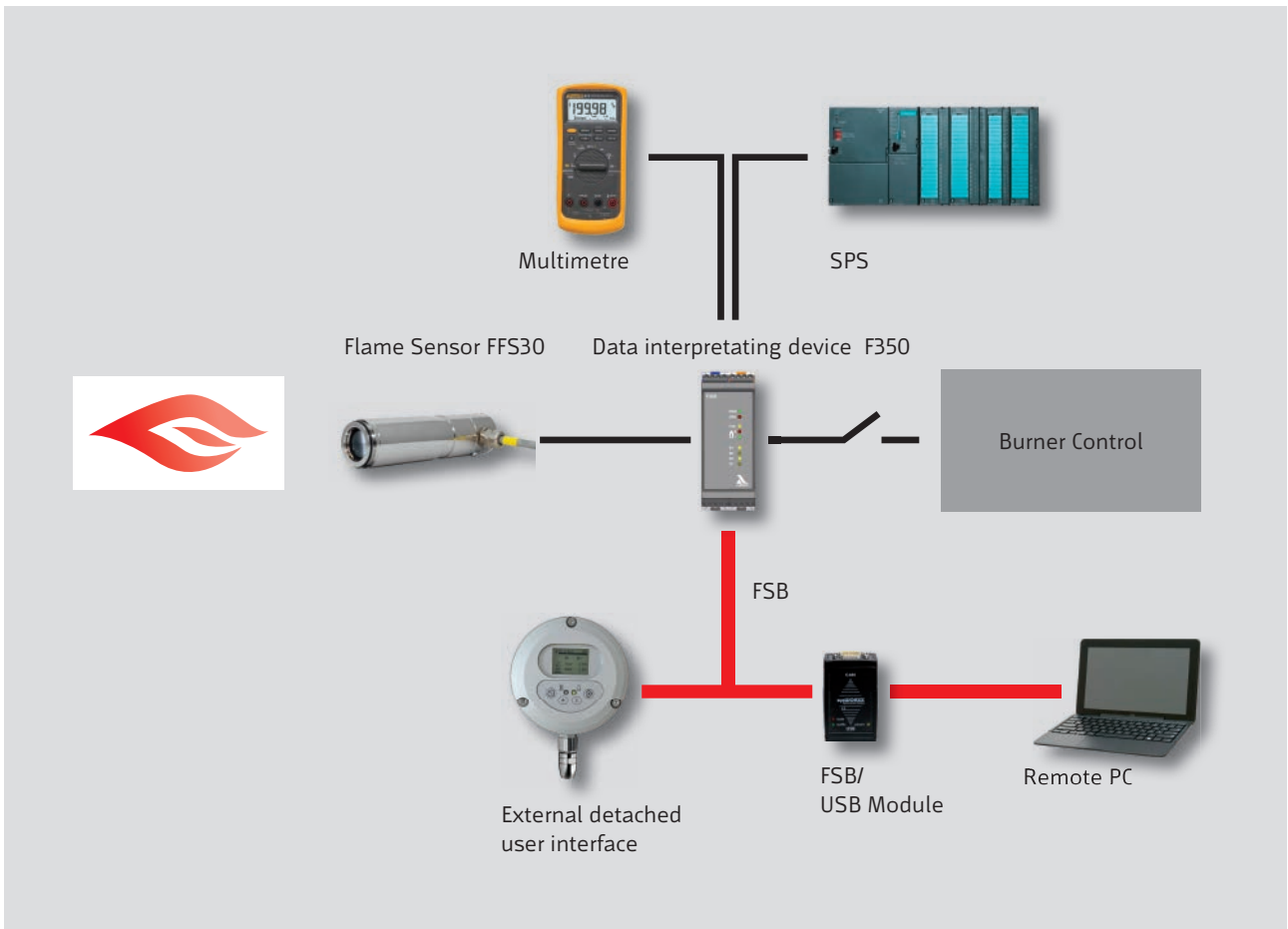
Using the failsafe contact, the system can be easily combined with any burner control. The external user interface FB30 allows the F350 to be configured on-site. The flame scanner is bus capable and therefore can be used to communicate with other systems. Through the Flame Scanner Bus (FSB), it can gain access to the connected devices using a remote software.



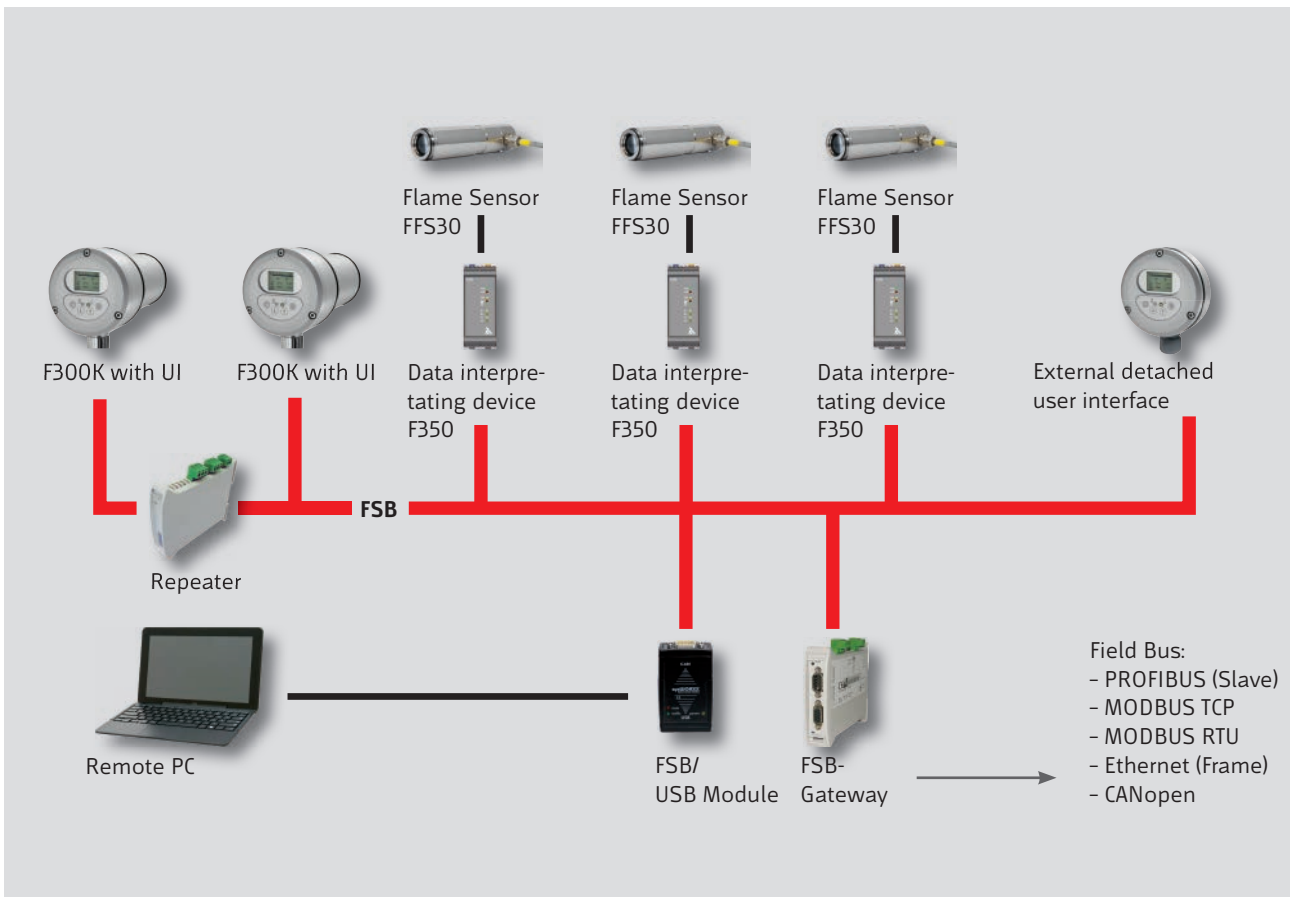
Data interpreting device F350.



Flame Sensor FFS30.



Example: Cross-linking with a burner control.



Example: Cross-linking of several flame monitoring systems. The F350 can be combined with F300K easily.



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