

Bfi Automation



Garanti: 12 ay

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rn	Aıklama
6020-3001-00	FLAME AMPLIFIER MODULE 3001 Former article no. : G601 Analog display, 2-channel, 14TE
6050-9010-00	Former item number: S 710 Sensor head SKL IR for BFI fiber optic cable Robust radiation sensor with lens system for the detection of flames. The flame radiation is via the lens on the fiber optic bundle focused. Technical specifications: Material: stainless steel Lens: crown glass Spectral range: 320nm to 2600nm Continuous operating temperature: -60°C to +400°C Short-term: max. 450°C Degree of protection (installed): IP 65 Dimensions [mm]: D65xL115 CO: PL/ AL: N / ECCN: N / Weight: 0.743 kg/pc
PB0000009304	Tin : H11B98F80 Mat. Nr. SLV3060020 POS .1 Old Mat. No. :A2A50000920
6010-2033-00	Former article number: S 507.LS Flame sensor 2.0L in OE converter housing for monitoring gas turbines with fiber optics New article no. 6010-2033-00 replaces S 507.L
6051-3030-00	Former article number: S 773.Y Sensor head SKL X-IR, incl. 3m Y-LWL mounted in a steel protective hose
6010-2003-00	Former article number: 6010-2033-00 Flame sensor 2.0L in OE converter housing for monitoring gas turbines with fiber optics The flame sensor 2.0L is designed for monitoring gas turbines and, in conjunction with a BFI flame monitor, forms a complete, fail-safe flame monitoring system. It is equipped with a multiple semiconductor sensor whose spectral sensitivity ranges from the UV to the IR range. The sensitivity can be set separately for the UV and IR ranges. The flame sensor 2.0L is housed in an OE converter housing for connecting a BFI fiber optic cable (fiber optic cable) or lance (fiber optic lance). Technical details: - Spectral range: 300 - 2700nm - Operating mode: continuous operation - Viewing angle: 2.7° with lens probe SKL and fiber optic cable / fiber optic lance - Self-test: once per second - Power supply: 24V DC - Current consumption: approx. 200mA - Ambient temperature: -20°C to +70°C - Cable connection:

Harting connector - Dimensions [mm]: L 122 x W 120 x H 90
- Housing: aluminum, RAL5010, IP 65 - ATEX Zone 2: II 3 G
nA IIC T4 Gc X - Gain control: automatic (AGC) - Frequency
control: automatic (AFC) - SIL certification: SIL3 in
combination with flame amplifier 3001, 3001D or 3001S

[Flamonitec UV IFC 11](#)

[6013-2031-00](#)

6013-2031-00 Former article no.: S 520.3 Compact flame detector CFC2000UV Relay and 0/4-20mA output Two-channel compact system for continuous monitoring of gas and oil burners of any power with additional Frequency analysis for better selectivity. The compact Flame detector is equipped with a semiconductor sensor whose spectral sensitivity lies in the UV range. Electronic self-monitoring guarantees safe operation. Flame intensity and the status of the flame relay are LEDs. The safety shutdown time can be set via a jumper predefined and set via software (1-5s). Sensitivity, ON/OFF level and switch-on delay are controlled by Software discontinued. An online frequency analysis and visualization of the flame radiation is possible with the BFI software. Further technical details: Two separate and adjustable sensitivity levels Potential-free changeover contact for the flame ON/OFF signals. Flame relay: potential-free changeover contact max. 48V switching voltage max. 1A switching current max. 30W switching power Flame signal output: 0/4-20mA (Ra <250Ohm) Spectral range: 280 to 420 nm Operating mode: Continuous operation Viewing angle: 2.7° Self-test: once in 800ms Supply voltage: 24V DC Current consumption: approx. 200mA Ambient temperature: -20 to +70°C. Data transmission: RS232/infrared interface Electrical connection: Harting connector 90° Dimensions [mm]: L 235 x W 108 x H 190 mm Housing: aluminum, RAL5010, IP65 ATEX Zone: II 3G Ex ec nC II T4 Gc SIL: SIL3

[5051-3030-00](#)

5051-3030-00 Replaces part no.: S 730.3MY Fibre optic cable X-IR, 3m, Y-splitting in a steel hose Fibre optical cable with Y-splitting For the detection of flames in the visual and infrared spectral range of light. The mounted multi core buffered fibre has a Y-splitting for connecting of two OE-converters. The fibre Optical cable has a strain relief and kink protection due to a high-strength double lock-joint steel protection tube. The fibre optic cable is ready to be used with scanner head SKL (part-no. 6050-9010-00) Constant operating temperature: -60 to +200 degr. C Spectral transmission: 400-2400nm Type of protection: IP68 Stretched length: approx. 3m Length of combined FOC: approx. 2.5m Length of splitted FOC: approx. 0.5m Outer sheathing: DIN-Agraff steel tube Bending radius: max. 150mm permissible suspension: max. 0.5m

OE converter 2.0 LAEX2 GT, incl. GUB03 2 systems in one ATEX Zone 1 enclosure for connecting 2 optical fibers or optical fiber lances The two 2.0LA-EX flame sensors are for monitoring... ABB gas turbines are developed and formed in conjunction with BFI flame monitors offer a complete, fail-safe system Flame monitoring. The 2.0LA-EX is equipped with a multi- Equipped with a semiconductor sensor whose spectral sensitivity- The sensitivity lies in the UV to IR

7010-2114-04	range. It can be set separately for the UV and IR ranges. Flame sensors 2.0LA-EX are housed in an OE converter casing. Used for connecting 2 BFI fiber optic cables (Fiber optic cable) or lances (fiber optic lance). Technical details: - Spectral range: 300 - 2700nm - Operating mode: Continuous operation - Viewing angle: 2.7° with SKL objective probe and Fiber optic cable / fiber optic lance - Self-check: once per second - Power supply: 24V DC - Current consumption: approx. 200mA - Ambient temperature: -20°C to +60°C - Cable connection: Cable gland - Dimensions [mm]: L 276 x W 276 x H 217 Housing: Aluminum, IP 66 - ATEX Zone 1: II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T85°C Db - Gain control: automatic (AGC) - Frequency control: automatic (AFC) - SIL certification: SIL3 in combination with flame Amplifier 3001, 3001D or 3001S
Cfc200ir3	FLAME SCANNER
Part No. S773	
Le-6773-A-7le-6774-A-7 8.70 Spare Parts For Hrsg 870	
Flame Scanner Type: 2	Detailed documents attached to file
3001d	
Le-6773-A-1le-6774-A-1 8.70	
Kw5	
Png601	FLAME AMPLIFIER PLUG-IN MODEL 3001
Iris 3001	Flame Amplifier Module IRIS3001
Part.-No.S 507.L Oe-Converter 20 L	
No G 602	
S773	CABLE
S5070	FLAME SCANNER
Orfeus 2 S 507-H Sensor	
Bfi S508	
Type Orfeus 3001 G601	
Le-6773-A-3le-6774-A-3 8.70	
Irs3001 Oca11a13-Sim	
S 510.0exg	
Le-6773-A-3le-6774-A-3 8.70 Spare Parts For Hrsg 870	
G601 - Old Code, New Code 6020-3001-00 (3001)	

Orfeus 2 S 507-H	
S-507h	FLAME SCANNER CONTROL X-IR DUAL SENSOR 2.0GT
Bfi3001	
B512	
Le-6773-A-4le-6774-A-4 8.70 Spare Parts For Hrsg 870	
Le-6773-A-2le-6774-A-2 8.70 Spare Parts For Hrsg 870	
G 602	
Type: Orfeus 2.0 , Part No: S507/H	
Le-6773-A-5le-6774-A-5 8.70 Spare Parts For Hrsg 870	
Part.-No.S 507h (Type 2.0)	
Part.-No.S 730.3my X-Ir Fibre Optic Cable	
Type: 7.0/2 P/N: S507.5 Ms	
Flame Scanner Type 2	
S507I	CONVERTER
Flame Scanner 7.0 S 510.0	
Le-6773-A-4le-6774-A-4 8.70	
2.0 La-Sec	
S 506.3	
Type 8.70 (Ir)	
G601 Flame Monitor	
G 601.D Flame Amplifier 3001d	
Le-6773-A-6le-6774-A-6 8.70 Spare Parts For Hrsg 870	
Part.-No.S 507.L	
507h Light Receiver Cc	
Flame Amplifier Module 3001	
3001d Flame Amplifier	
No G 601.D	

507h
Le-6773-A-2le-6774-A-2 8.70
6020-3001-00 (3001)
Le-6773-A-1le-6774-A-1 8.70 Spare Parts For Hrsg 870
Irs3001_0ca11a13-Sim Flame Monitor
P 106 Ex
B512 Insulation
Le-6773-A-5le-6774-A-5 8.70
Part.-No.S 730.3my
Type 2.0
Kw5 Spezialkabel
Cfc2000ir1
Le-6773-A-7le-6774-A-7 8.70
G 601.D
Cfc2000ir1 Flame Scanner
Le-6773-A-6le-6774-A-6 8.70