

## Gas Fired Igniters Tube Ø48.3 mm

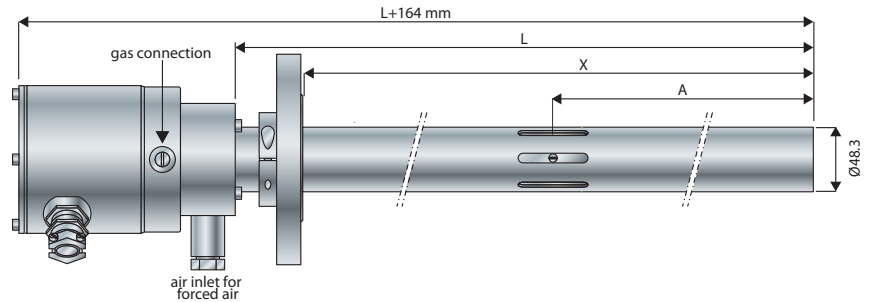
Ignition of main burners in furnaces, boilers, power plants and incinerators

### Features and Benefits

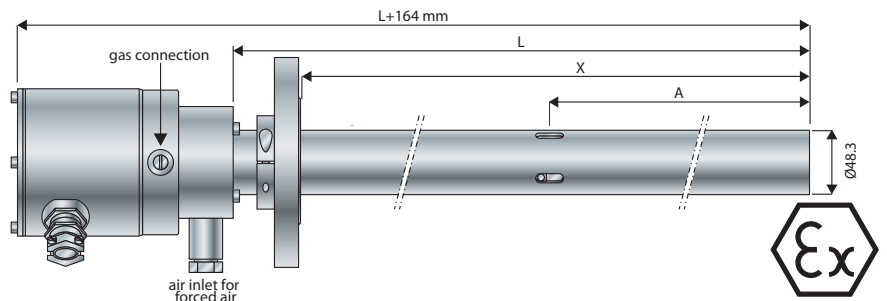
- High energy ignition
- Insensitive to moisture
- Stainless steel construction
- Self-aspirating, forced air supply or combination
- For self-aspirating version no air supply line required
- Insensitive to pressure fluctuations
- Rugged design
- For all kind of gases and pressures
- Integrated spark plugs(s) and ionisation electrode
- Explosion proof version (ATEX) available

### Applications

- Main burners of furnaces, boilers, incinerators and power plants



Self-aspirating Ignition Burner					Biogas
<b>type for natural gas</b>	L48AV18JB-L-A-V	48AV13JB-L-A-V	48AV13JB-L-A-V2E	J48AV13JB-L-A-V4E	L48BF18JB-1300-1210-T3
<b>heat release</b>	17-31 kW	46-75 kW	80-132 kW	150-250 kW	Biogas 65-85 vol% CH4 heat release: 4-5 kW
<b>type for propane</b>	L48PV18JB-L-A-V	48PV13JB-L-A-V	48PV13JB-L-A-V2E	J48PV13JB-L-A-V4E	
<b>heat release</b>	22-39 kW	67-109 kW	120-195 kW	226-370 kW	
<b>min. - max. pressure</b>	0,2-0,8 Barg	0,5-1,5 Barg			15-40 mBarg
<b>length L</b>	400, 500, 600: multiples of 100 mm, from 1000 to 2000 mm: 200 mm intervals, 2000, 2500, 3000 mm				
<b>air inlet A</b>	≥300 mm in steps of 10 mm				
<b>connection to main burner</b>	flange 2" ANSI 150 LBS RF				
<b>gas connection</b>	½" NPTF				
<b>air conn. for forced draft</b>	½" BSP				
<b>ignition</b>	integrated spark plug				
<b>flame detection</b>	ionisation				3 mm thermocouple
<b>tube material</b>	310 SST				
<b>connection material</b>	316 SST				
<b>electrical connection</b>	connection housing				
<b>protection</b>	IP66				



Explosion Proof Self-aspirating Ignition Burner					
<b>type for natural gas</b>	L48AV18EXE-L-A-V	48AV13EXE-L-A-VE	48AV13EXE-L-A-V2E	48AV13EXE-L-A-V4E	
<b>heat release</b>	17-31 kW	46-75 kW	80-132 kW	150-250 kW	
<b>type for propane</b>	L48PV18EXE-L-A-V	48PV13EXE-L-A-VE	48PVD13-L-A-V2E	48PVD13-L-A-V4E	
<b>heat release</b>	22-39 kW	67-109 kW	120-195 kW	226-370 kW	
<b>min. - max. pressure</b>	0,2-0,8 Barg	0,5-1,5 Barg			
<b>length L</b>	400, 500, 600: multiples of 100 mm, from 1000 to 2000 mm: 200 mm intervals, 2000, 2500, 3000 mm				
<b>air inlet A</b>	≥300 mm in steps of 10 mm				
<b>connection to main burner</b>	flange 2" ANSI 150 LBS RF				
<b>gas connection</b>	½" NPTF				
<b>air conn. for forced draft</b>	½" BSPF				
<b>ignition</b>	integrated spark plug				
<b>flame detection</b>	ionisation				
<b>tube material</b>	310 SST				
<b>connection material</b>	316 SST				
<b>electrical connection</b>	explosion proof connection housing				
<b>protection</b>	IP66				
<b>explosion proof</b>	ATEX 2G Ex e IIC T5/6 DEKRA11ATEX0032 (-40 to 80 °C)				



Igniter connection