

Pressure Barrier 300 lbs

Protects Flame Scanner / Compact Flame Controller against pressure applying of the combustion chamber. Optionally available with Purge Media Flange and for higher pressures.

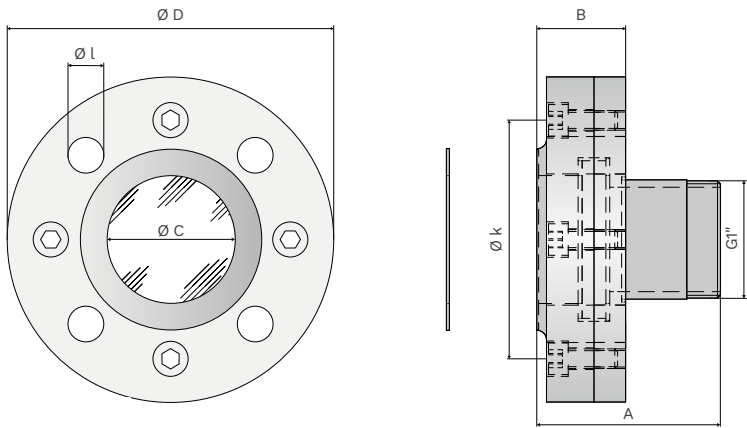


1 | Technical data

Spectral sensitivity	300 nm to 2700 nm	
Pressure-Temperature Rating (p/T-Rating)*	41.4 bar	-29 °C to +38 °C
	40.0 bar	+50 °C
	31.4 bar	+150 °C
	27.5 bar	+230 °C
Glass	borosilicate	
Material	stainless steel 1.4541, steel	
Ambient temperature	-60 °C to +230 °C	
Process connection	1" to 4" 300 lbs (ANSI B 16.5)*	
Flame Monitoring connection	G 1" male thread	
Weight	1"	approx. 5 kg
	1 ½"	approx. 6 kg
	2"	approx. 7 kg
	3"	approx. 10 kg
	4"	approx. 10 kg

* Other pressure classes and sizes available on request.

2 | Dimensions



All dimensions in mm.

Type	$\varnothing D$	$\varnothing l$	$\varnothing C$	$\varnothing k$	A	B
1"	124.0	19.0	26.0	88.9	65.0	41.0
1 ½"	155.4	22.4	41.0	114.3	91.0	41.0
2"	165.1	19.0	52.0	127.0	95.7	45.7
3"	209.5	22.4	78.0	168.1	104.8	54.8
4"	254.0	22.4	102.0	200.1	115.1	65.1

4 holes are available for fastening the pressure barrier to the process flange. For process flanges with 8 holes, please consult us. Suitable seals are included in the scope of delivery.

3 | Part numbers

Material	Part numbers
Steel	6592-8925-XX
Stainless steel	6595-8925-XX

If required, a material certificate according to EN 10204 - 3.1 is available (specification required when ordering).