

## 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.

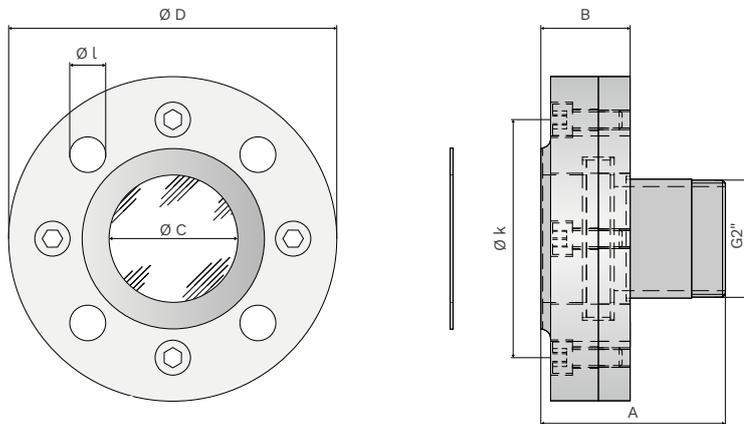


### 1 | Technical data

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 ½" to 4" 300 lbs (ANSI B 16.5)*
Flame Monitoring connection	G 2" male thread
Weight	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	Ø D	Ø l	Ø C	Ø k	A	B
1 ½"	155.4	22.4	52.0	114.3	91.0	41.0
2"	165.1	19.1	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).