

Flame Monitoring System F350 + FFS30 Ex-II/Ex (Ex-Zone 2 and 1).

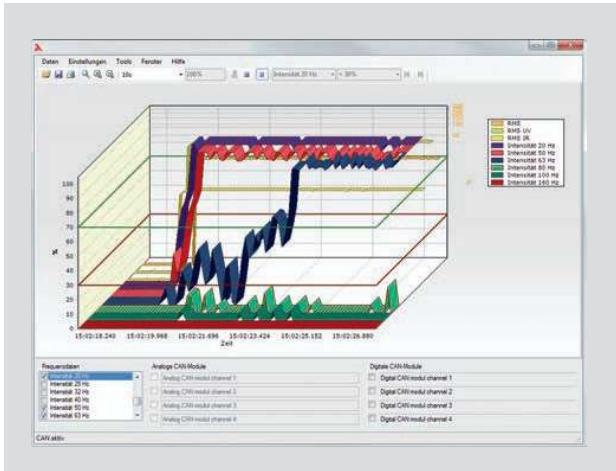
Technical data



Flame monitoring system F350 + FFS30

Item number	F350: 659G5000 FFS30: 659D50..	Dimensions [mm]	See dimensional drawings
Application	Monitoring of single burner and multi-burner combustion systems	Material	FFS30 (aluminium) nickel plated F350 Plastic
Power supply voltage	F350 24 VDC ±20 % (SELV/PELV) FFS30 12 VDC	Weight [kg]	0.30 F350 0.30 FFS30 0.90 FFS30 Ex
Operating mode	Continuous operation	Protection class	FFS30: IP67 FFS30 Ex: IP66/67 F350: IP20
Sensor type	UV-4 (ExI, ExII), UVIR-1 (Ex I, Ex II), IR-2 (non Ex), IR-4	Operating temperature	-40 °C ... + 85 °C
Cable lengths	max 80 m	Suitable Brackets	FV30 ... FV40 ...
Ex Zone 1 Ex Zone 2	II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC T80°C Db II 3G Ex nA IIC T5 (T6) Gc X II 3D Ex tc IIIC T95°C Dc X	Approval	F350: SIL 3 UL, CE, UKCA in preparation

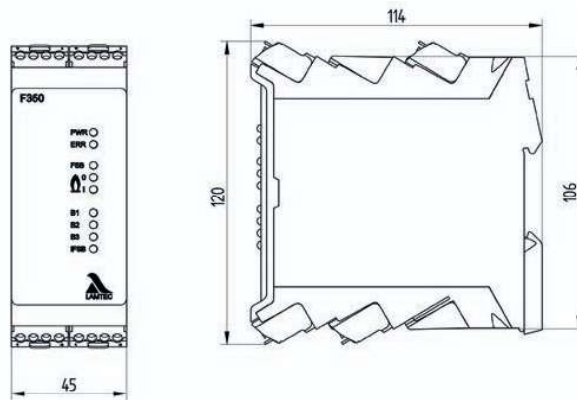
Flame Monitoring System F350 + FFS30



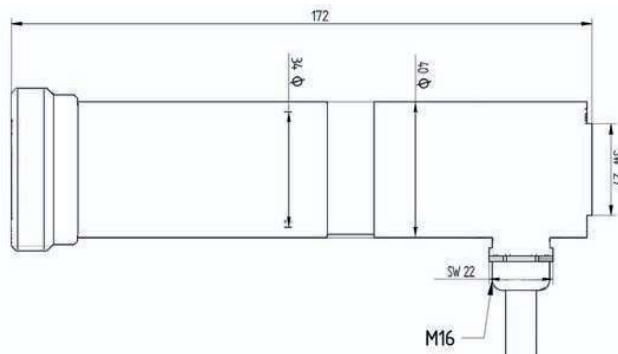
Flamescanner Remote Software (FRS)

- Connection to the PC via FSB/USB module and adapter cables.
- The flamescanner remote software allows you to set all parameters. In addition, it also offers analysis, data backup and recording functions.
- In addition to the flame scanner data, you can also connect up and record external, analogue and/or digital data by means of FSB modules. All of the data is synchronised.

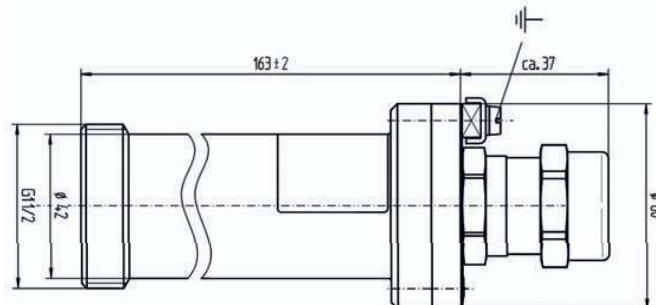
Flamescanner Remote Software item number 659R9000



Dimensional drawing F350



Dimensional drawing FFS30 Standard + Ex Zone 2



Dimensional drawing FFS30-Ex housing