J&R Fire Fighting
坚瑞消防

Technical Data Sheet

THERMAL ACTIVATION GENERATOR
Thermo Bulb Model: JR11

Photo example TAG

Advantages/Benefits at glance

- TAG can also be used as a standard thermal detector with a fixed temperature reading
- TAG can be connected to a standard fire-indicating panel using an additional electronic box.
- Complied with an explosion proof junction box TAG can be used in a safety sensor D3 for application in hazardous areas
- The device TAG is designed for autonomous actuation of a fire suppression system
- No external power supply is required

TAG is a unique thermal detection and activation device that allows to detect a fire and activate the J&R fire suppression generator units.

Further technical details on request
Technical data subject to change without notice
Status Nov. 2010

JR11

SPECIFICATIONS

Dimensions:

Length:	100mm;
Diameter	65mm;
Total mass:	approx 200g

SPECIFIC DATA

- Operation Temperature

  from −60o C to +100o C;

- Rated Activation Temperature & Activation

  Time   See the Thermo Bulb Specification Attachm

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Attachment (Thermo Bulb Specification)

Response	Type	Length (mm)	RTI** Response Time Index (ms)$^{1/2}$	(fts)$^{1/2}$	Strength Average Crush Load kN	lbs	LTL kN	lbs	57°C 135°F orange	68°C 155°F red	79°C 175°F yellow	93°C 200°F green	141°C 286°F blue	182°C 360°F mauve	260°C 500°F black	Comp. Listed
Standard	G5	16 / 20	90	163	4,0	880	2,5	550	■	■	■	■	■	■	■	UL, LPCB, VdS
Standard	G5-XS	16 / 20	90	163	5,5	1210	4,0	880	■	■	■	■	■	■		
Intermediate	F5	16 / 20	68	123	4,0	880	2,5	550	■	■	■	■	■			TFRI
Intermediate	F4	16 / 20	58	105	4,0	880	2,5	550	■	■	■	■	■	■		
Fast	F3-SP	20	32	58	4,1	900	2,3	500	■	■	■	■	■	■		UL, LPCB
Fast	F3	16 / 20	32	58	3,5	770	2,0	440	■	■	■	■	■	■		UL, LPC, TFRI
Fast	F3-XS	16 / 20	32	58	4,5	990	3,0	660	■	■	■	■	■	■		
Fast	F3-F	16 / 20	24	43	4,1	900	2,3	500	■	■	■	■	■	■		UL*
Super Fast	F2.5	16 / 20	24	43	2,5	550	1,25	275	■	■	■	■	■		■	UL, LPC, TFRI
Super Fast	F2.5-XS	16	24	43	4,0	880	2,1	460	■	■	■	■	■			
Super Fast	F2	16	19	34	2,0	440	1,0	220	■	■	■	■	■			
Ultra	F1.5	16	14	25	1,0	220	0,5	110	■	■	■	■	■			

** Tested in a Test fixture: c=0,5   * in Progress

More details and other temperature ranges are available on request