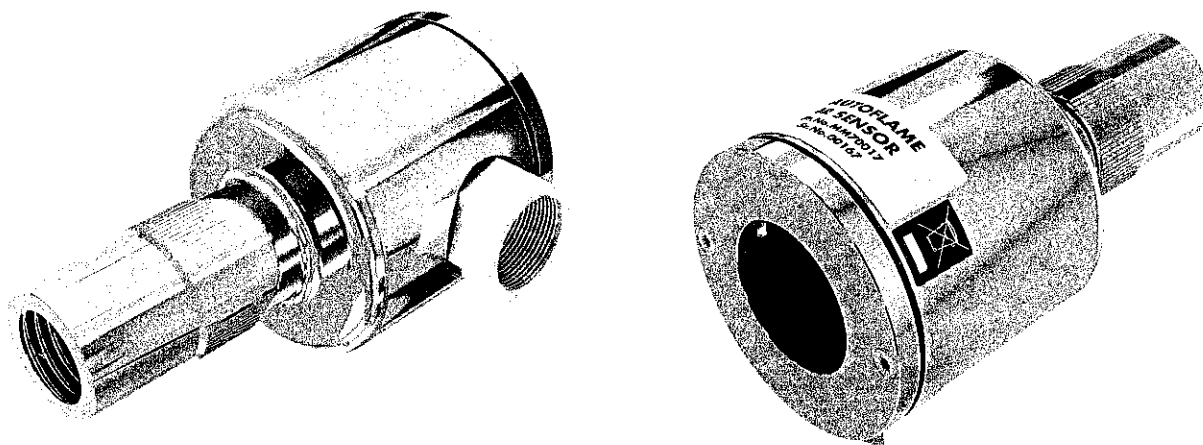


2.1. MM70017 – Self-Check, High Sensitivity, End View IR Scanner



Specifications

Part Number	MM70017
Flame Detection Technology	IR – InfraRed
Lens Angle	00.00° - End view
Sensitivity Level	High Sensitivity
Self-Check	Electronic check
Max. Flame Detection Distance	1,500mm (60")
Max. Operating Temperature*	60°C (140°F)
Min. Operating Temperature	0°C (32°F)
IP Rating	54
NEMA Rating	3
Housing Material	Aluminium
Lead Included	-
Cable Gland	PG11 to ½" conduit adaptor
Mounting	Any orientation. Lens must be in direct view of flame
Compatible With	Mk8 MM, Mini Mk8 MM, Mk7 MM, Mk6 MM.
Dimensions (Length x Diameter)	108 x 67 mm
Mounting	1/2" BSPT socket with integrated magnetic ring
Max. Cable Length	25m (82ft)
Warranty	1 years limited warranty
Max. allowed vibration level	1.8 ms ⁻²
Standards	EN 54-10, EN 54-17

Mounting

The IR flame scanner can be mounted in any orientation within the burner housing, the only requirement being that it has an unobstructed view of the flame.

The IR flame scanner features a magnetic reed switch to cut power to the scanner if the scanner is removed from the burner as required by BS EN 298 2012. The IR scanner must be mounted using the supplied mounting socket. This socket features a ring magnet that activates the integrated internal switch inside the IR scanner. If the scanner is removed from the socket the switch will be deactivated and the scanner will not function.

Wiring

Scanner Terminal		Wire Colour		MM Terminal
29	Serial -	Yellow		29
30	Serial +	Green		30
37	0V	Blue		48
38	15VDC supply	Red		49
-	-	Screen		S

**Dimensions**