



Fire detector A2/M und A3 (IP68)

For automotive, aircraft, railway and streets transportation

A very fast attractive temperature switch results from the new PTFE design with a fundamentally shorter response time than similar products of steel or brass. Developed for the use in the engine compartment or in other ignitable surroundings.

Thermostat-type A3.. normally closed / n. open from -40°C to 160°C ± 5°C
Fire detector-type A2/M normally closed / n. open from 100°C to 175°C +5/-10°C

Differential: 7°C – 60°C
Ratings: 10 mA...5 A at 250 V AC / 6...48 V DC at 30.000 cycles
Protection grade: IP 68, Thermostat in PTFE-tube
Mounting: Brass thread / synthetics flange
Standard: 300 mm PTFE or silicone lead and protection tube
Alternative: Fire resistant cable up to 5m available
Net weight: Approx.100g

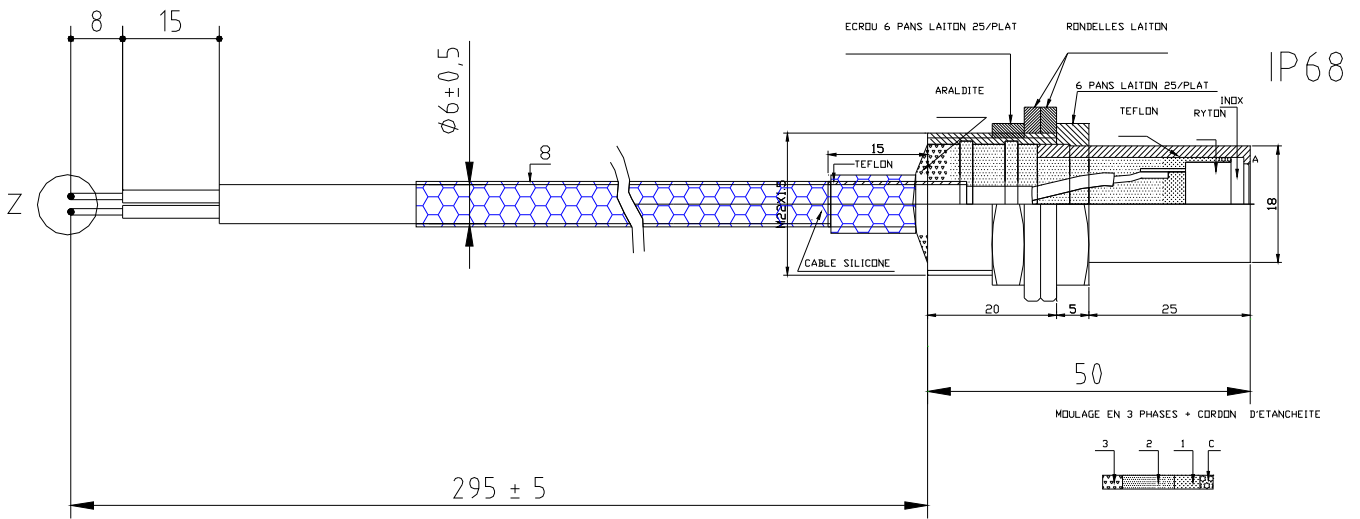
Gold contacts for TTL signal suitable.
EMC low band emissions free (electro smog). Shock and vibration proofed.



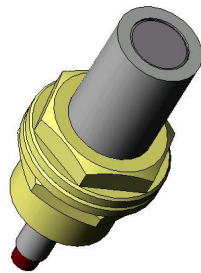
Manfred K. Mueller Eng.
Temperature Control
Mannheimer Strasse 12
75179 Pforzheim
Germany
www.thermostat-muller.biz

Phone: + 49 - 7231 1583- 0
Sales: + 49 - 7231 1583-12
Techn. ass.: + 49 - 7231 1583-11
Fax: + 49 - 7231 1583-20
Mobile: + 49 - 174 247 3690
e-mail: info@thermostat-muller.biz

Bank: Sparkasse Pforzheim-Calw
BLZ: 666 500 85 Kto-Nr: 745 965
IBAN DE90 6665 0085 0000 7659 45
BIC (SWIFT-CODE) PZHSDE66
Registered HRA Mannheim 503251
VAT-ID-No.: DE 144 137 729



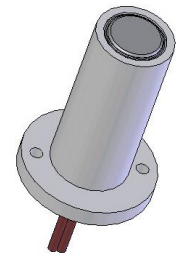
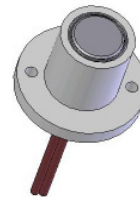
version A2 with brass thread



version A3 with synthetics flange

short

long



Other specifications upon request.

The materials of this unit (Teflon, brass, stainless steel) are resisting against corrosion and harsh environment conditions. The sensor resists to shock, acceleration and vibration and is therefore used for application in vehicles (land and sea) and aircraft's.

The simulated response time in case of fire has been checked and estimated with 80 seconds. If placed vertical above the engine the expected response time can be shortened to 40 seconds.



Manfred K. Mueller Eng.
Temperature Control
Mannheimer Strasse 12
75179 Pforzheim
Germany
www.thermostat-muller.biz

Phone: + 49 - 7231 1583- 0
Sales: + 49 - 7231 1583-12
Techn. ass.: + 49 - 7231 1583-11
Fax: + 49 - 7231 1583-20
Mobile: + 49 - 174 247 3690
e-mail: info@thermostat-muller.biz

Bank: Sparkasse Pforzheim-Calw
BLZ: 666 500 85 Kto-Nr: 745 965
IBAN DE90 6665 0085 0000 7659 45
BIC (SWIFT-CODE) PZHSDE66
Registered HRA Mannheim 503251
VAT-ID-No.: DE 144 137 729