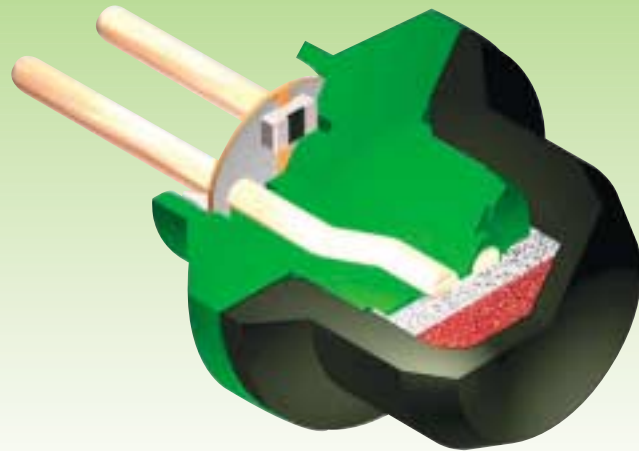
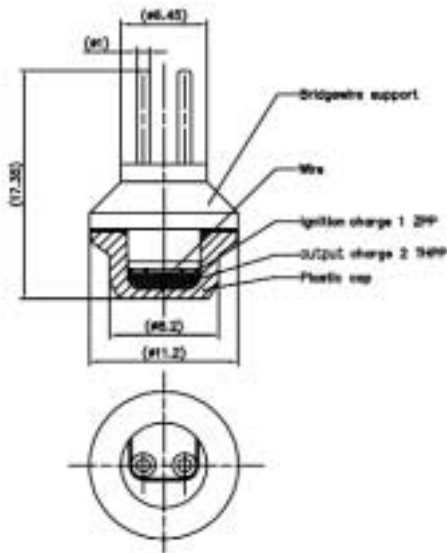


Customer Focused  
Highly Accurate  
Just in time

# series 3262 PTMS®

(Plastic To Metal Seal)



Technical Specifications  
RENAULT 9mJ (32-10-001)  
AKLV / USCAR

## Functional & Operational characteristics

### Functional characteristics

- Igniters resistance after environment stress in the range of temperature -40 °C to +90°C: 2,0 ±0,3 Ω
  - No fire current: > 0,4A / 10s at +90°C with 99,9% reliability @ 95% confidence level
  - All fire current: < 1,2A / 2ms at -40°C with 99,999% reliability @ 95% confidence level  
< 1,75A / 0,5ms at -40°C with 99,9999% reliability @ 95% confidence level
  - Insulation resistance: 100M Ω, 500V, 2 sec DC
  - Electro Static Discharge: Withstands tests: 9mJ (+-30kV, 330pF, "0" Ω serial)  
+25kV, 500pF, 5k Ω serial  
+25kV, 150pF, 150 Ω serial
  - Maximum time to function under nominal current: 1.2A: time to first pressure < 2ms  
1.75A: time to first pressure < 1ms
  - Output pressure measured in closed vessel: typical values in the range 50 to 250 bars\*
- \* values are given for a free volume of 3cc ; in 10cc free volume typical values shall be divided by 3 approximately.

### Operational characteristics

- Operating temperature range: -40°C to +105°C
- Life time duration & reliability: meet the requirements of RENAULT 32-10-006, AKLV & USCAR specifications ; for more details please contact us.

## Physical characteristics

- Pyrotechnic effect: combination of flame and gases (effects and performances tailorable upon customer request by adjustment of formulations and quantities loaded). Typical loads: 50 to 160 mg.
- Friendly environmental pyrotechnic materials (zirconium and titanium hydride potassium perchlorate compositions, ...).
- Detailed lists of materials accessible through the relevant datasystem (IMDS, MCV...).
- Safety data sheet available upon request.

high-tech initiation company

