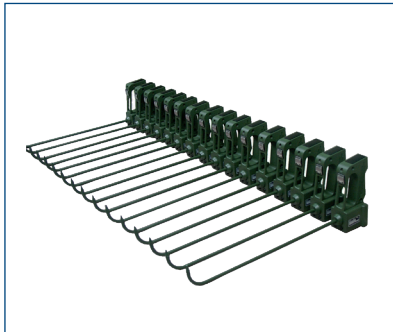


## Custom Designed Temperature Sensor Device TMS for Propellant Charge Chamber and Breach Block

type number 00760



### Description:

This Temperature Sensor Device can be used to indicate temperature of muzzles to prevent damage and auto ignitions of the ammunition.

### Temperature displays:

- cold (green) <100 °C
- warm (yellow) >100 °C < 150 °C
- hot (red) ≥150 °C

By courtesy of Rheinmetall Landsysteme GmbH

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Technical Data:

Measurement range:	-32 °C to 250 °C
Housing:	Milled Aluminium, passivated, painting: RAL 6031 RH.
Dimensions:	Approx. 590 x 70 x 210 mm (H x W x D)
Power supply:	9 Vdc to 36 Vdc to recharge internal capacitor for at least 20 measurements during 10 min
Charging current:	max. 0,25 A during capacitor charge at 24 Vdc.

### Environmental Conditions:

Temperature:	-25 °C to +40 °C (operating) -33 °C to +58 °C (storage)
EMI:	acc. to VG 95373 GWK 4
Protection:	IP 65 acc. to EN 60529
Vibration:	MIL-STD 810E Tab. 514.4-AX
Shock:	max. 30 g, 11 ms per axis, half sine