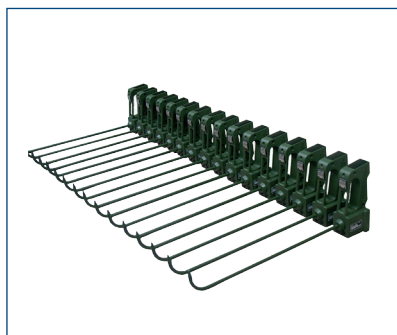




Custom Designed Temperature Sensor Device TMS for Propellant Charge Chamber and Breech Block

type number 00760



Main Feature:

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

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 V DC to 36 V DC to recharge internal capacitor for at least 20 measurements during 10 min
Charging current:	max. 0.25 A during capacitor charge at 24 V DC.

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

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.