



Product Range Special Equipment



2017 / 04

Our company's mission:

Design and manufacturing of different kind of houses, with following mounting of assemblies, wiring, adjustment and / or testing until obtaining the complete product.

**aschenbrenner
elektronik gmbh**

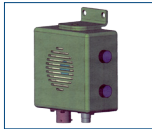
Eschenweg 4-6 • 83022 Rosenheim • Germany

Phone.: +49 (0) 8031-6506-0 • Fax: +49 (0) 8031-6506-50
mail@aschenbrenner-elektronik.de
www.aschenbrenner-elektronik.de



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

type number 00760



Loudspeaker for MIL-Applications
with Volume Control Prepared for Headset Connection

type number 00766



Loudspeaker for MIL-Applications
with Volume Control

type number 00772



Control Panels for Wheeled and Tracked Vehicles

type numbers: 00851 | 00798
| 00863 | 00852



Custom Designed Operational Panel
with Back Lighted Foil Keys

type number 00251



Communication Equipment
Customer Specific Products

type numbers: 00171 | 00201 | 00931



E-Distribution

type number 00988



Customer Specific Ruggedized
and Temperature Controlled Housing

type number 00842



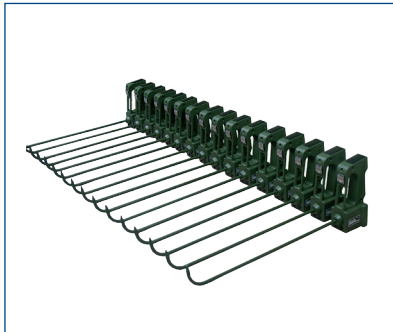
Infantry Horse Rack for Electronic Equipment

type number 00777



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

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 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.

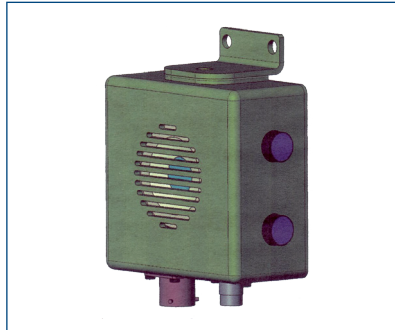
Environmental Conditions:

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



Loudspeaker for MIL-Applications with Volume Control Prepared for Headset Connection

type number 00766



Main Feature:

Audio frequency loudspeaker for use in intercom systems in:

- armoured vehicles
- military shelters
- ships

Mounting with thread bolt, flange or mounting material set.

Option:

- preamplifier
- handset / headset junction box NF10B1L0
- fixed connection cord
- mounting material set

Technical Data:

Output power:	2 W, 6 Ω
Volume control:	integrated
Input signal:	0 dBm
Junction box AF+ power supply:	SJT00RT12-35SN014
Housing:	AlMg3, painted RAL 6031F9
Dimensions:	110 mm x 105 mm x 60 mm
Weight:	850 g incl. fixture

Environmental Conditions:

Temperature:	-40 °C - +70 °C (80 °C) operating (storage)
EMI:	acc. to VG 95373 GWK 2
Protection:	IP 65 waterproof version IP 35 on front side with loudspeaker
Vibration:	5 g, 10 Hz to 500 Hz
Shock:	25 g, 6 ms
Humidity:	95 %

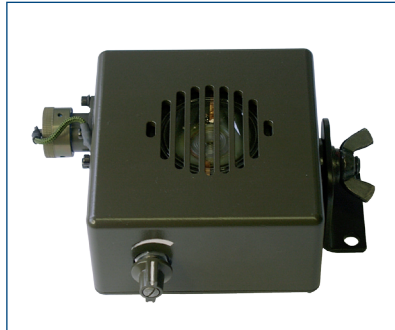
Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.



Loudspeaker for MIL-Applications with Volume Control

type number 00772



Main Feature:

Audio frequency loudspeaker for use in intercom systems in:

- armoured vehicles
- military shelters
- ships

Mounting with thread bolt, flange or mounting material set.

Option:

- preamplifier
- handset / headset junction box NF10B1L0
- fixed connection cord
- mounting material set

Technical Data:

Output power:	2 W, 6 Ω
Volume control:	integrated
Input signal:	0 dBm
Junction box AF+ power supply:	SJT00RT12-35SN014
Housing:	AlMg3, painted RAL 6031F9
Dimensions:	110 mm x 105 mm x 60 mm
Weight:	850 g incl. fixture

Environmental Conditions:

Temperature:	-40 °C - +70 °C (80 °C) operating (storage)
EMI:	acc. to VG 95373 GWK 2
Protection:	IP 65 waterproof version IP 35 on front side with loudspeaker
Vibration:	5 g, 10 Hz to 500 Hz
Shock:	25 g, 6 ms
Humidity:	95 %

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.



Control Panels for Wheeled and Tracked Vehicles

Custom Design

type numbers: 00851 | 00798
| 00863 | 00852 | 00251



type number
00851



type number
00798

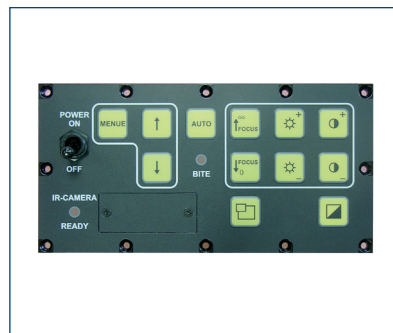


type number
00863



type number
00852

Custom Designed Operational Panel with Back Lighted Foil Keys



type number
00251

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

Features:

- with or without keyboard logic, backlight
- with or without data/interface processors
- with or without rear side housing
- can be connected to display systems
- environmental protection up to IP 67 (EN 60529)
- resistant to fuel and lubricants



Communication Equipment Customer Specific Products type numbers: 00171 | 00201 | 00931



Intercom Control Box for Voice Communication



Intercom Switch Box for Voice Communication



Customized Connection Box



E-Distribution
type number 00988



Customer Specific Ruggedized and Temperature Controlled Housing
type number 00842

Main Feature:

Crypto- system with encryption units contents temperature control with heating and cooling in a rugged housing.



Infantry Horse Rack for Electronic Equipment
type number 00777

Main Feature:

Suitable for secure transportation under battlefield and other harsh environmental conditions of

- Transmitter / Receiver
- Antenna
- Computer / Display
- Battery
- Others

This equipment is procured from a competent and qualified supplier.

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