



**Sicherheitsvorschriften beim Einsatz
in Ex-Bereichen**

Instructions for operation in hazardous areas

Instruction pour l'utilisation en zones Ex

**Veiligheidsvoorschriften bij het gebruik
van toestellen in Ex-zones**

**Barcode Scanner
SC 900-Ex**



List of Contents

	Page
1. Safety Advice	14
2. Faults and Damage	14
3. Safety Regulations	14
4. Supplementary Provisions	14
5. Batteries	15
6. Repairs	15
7. Guarantee	15
8. Liability	16
9. Ex-Data	16
10. Certificate of EC-Conformance	17-19

1. Safety Advice

The following safety instructions contain information and precautionary advice which for the described conditions, must be taken into consideration to guarantee safe operation.

2. Faults and Damage

If there is any reason to suspect that the safety of the equipment has been affected then it must be immediately withdrawn from use and precautionary measures taken in order to prevent any further use of the equipment in the hazardous area until such time that all necessary checks and repairs have been carried out.

The safety of the equipment can be compromised by, for example:

- External damage to the housing
- Incorrect storage of equipment
- Equipment has suffered damage whilst in transit

3. Safety Regulations

The use of the explosion protected barcode scanner requires the user to comply with the usual safety regulations in order to avoid incorrect operation of the equipment.

- The battery must only be changed outside of the hazardous area.
- The barcode scanner type SC 900-Ex may only be operated in the hazardous area provided it is fitted in the specified leather case. During operation ensure that the leather case is completely fastened.
- The IrDA-Interface may only be utilised outside of the hazardous area and then only in conjunction with the terminal station type DT-960 IOE (SELV-Circuit with max. 60V DC).

4. Supplementary Provisions

Before use, please read the operating instructions.

5. Batteries

The following battery types are permitted:

Typ (LR6):	Supplier:
Alkaline No. 4806	Varta
Alkaline Extra Longlife No. 4006	Varta
Alkaline Maxi Tech No. 4706	Varta
Alkaline Electric Power No. 8006	Varta
Alkaline	Duracell
Professional Alkaline Battery Procell	Duracell
Alkaline Ultra	Duracell
Alkaline Power Line Industrial Battery	Panasonic
Alkaline Energizer	Eveready
Super Alkaline Battery 15A	GP
Alkaline	Daimon
Maximum Alkaline Battery	Rayovac
Alkaline Battery	Double
	Lion King
Alkaline	RS

The use of any other type of battery is strictly forbidden in that it will invalidate the Ex-data certification.

6. Repairs

The general terms and conditions of ELEX V apply to repair work. However it is recommended that the manufacturer carries out all repair work in order to check for the safe working of the protective circuits.


7. Guarantee

The instrument parts and functions are guaranteed for one year from the date of delivery. This guarantee remains valid if defective components are submitted. We reserve the right to exchange, modify or repair the equipment.

8. Liability

The company ECOM R. Nied GmbH is responsible for the granting of the guarantee. It takes no responsibility for damages, expenses or losses resulting from the use of or purchase of equipment. Neither is ECOM liable for damages, expenses or losses arising from any subsequent damages.

9. Ex-Data

Certificate of EC-Conformance	:	TÜV 00 ATEX 1568 X
Certificate of Conformity	:	 II 2 G EEx ia IIC T4
CE number	:	CE ₀₁₀₂
Working temperature range	:	-5°C...+40°C



ECOM Rolf Nied GmbH

Industriestr.2
D-97959 Assamstadt

Tel.: +49 (0) 62 94/42 24 0
Fax: +49 (0) 62 94/42 24 90

E-Mail: sales@ecom-ex.com
Internet: www.ecom-ex.com

02.02.2001