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SAFETY INFORMATION

Read and understand all warnings and cautions before using this product.

Overview

The CorDEX Instruments EXIS Battery Pack is an intrinsically safe battery pack. The EXIS Battery Pack is designed to be used in hand-held devices as an Ex Component. The battery pack includes the safety critical components that limit the output parameters.

A protector is provided for mechanical protection and to maintain IP54 rating when the battery pack is not assembled in a host device.

Safety Information

This instruction manual contains information and warnings that must be observed for safe operation under the conditions described.

Faults and Damage

If there are any grounds to believe the unit is no longer safe to use, it must be taken out of service and measures taken to prevent its further unintentional use.

The safety of the device may be impaired if for example:

- External damage to the unit is visible.
- The device has not been stored correctly.
- The unit has suffered transport damage.

Safety Regulations

When using the EXIS Intrinsically Safe Battery Pack the appropriate regulations must be observed to avoid incorrect operation of the device

ATTENTION! ENSURE THAT THE BATTERY PACK IS PROPERLY ATTACHED WHEN IN USE.

Special Conditions of Safe Use

- The EXIS Battery Pack cannot be used in hazardous areas except with a certified host device.
- In hazardous areas the protector should be in place when the battery pack is not attached to a host device.
- Only CorDEX approved accessories are permitted to be used in the EXIS battery pack.
- Only LG ICR18650D1 Lithium cells are approved to be used within this Ex Component as follows:

Operating temperature: -10°C to 40°C Charging temperature: 0°C to 45°C

RUGGED AUTHORITY Document Reference EXISSOM Rev. C

SAFETY INFORMATION

Exposure to External Stresses

protection may be required.

The EXIS Battery Pack is not intended for

beyond its design capability. Additional

use with vibration, impact and heat stresses

Installation and Setting to Work

For the installation, maintenance and cleaning of the units observe the applicable regulations and provisions concerned with explosion protection (EN 60079-0, EN 60079-14).

Transportation and Storage

Transport and store without imposing excessive mechanical stresses. Store in a cool dry place.

Cleaning and Maintenance

The EXIS Battery Pack and accessories require no maintenance. For safety critical maintenance, please refer to EN60079-17.

Safety Precautions

For the installation, maintenance and cleaning of the units observe the applicable regulations and provisions concerned with explosion protection (EN 60079-0, EN 60079-14).

Aggressive Substances and Environments

Consideration shall be given to the risk of degradation of the camera due to aggressive substances. Additional protection may be required.

LABELLING

EXIS - battery pack



ATEX : - ExVeritas 18ATEX0349U EX II 2G IECEx : - IECEx EXV 18.0012U
Ex ib IIC Tamb -10°C to +40°C

Year of construction - XXXX

Exxxx* Serial Number XXXX-XX-XXXXXX rs to CorDEX current QAN Certificate which is available upon reque

WARNING: NON REPLACEABLE COMPONENTS INSIDE SEE USER MANUAL FOR MORE INFORMATION. DO NOT CHARGE IN HAZARDOUS AREA.

Manufacturer Contact Information

RUGGED AUTHORITY

EC DECLARATION OF CONFORMITY

CorDEX

			Decl	aration No.	SO17 Rev. A		
EC Declaration of Conformity In accordance with EEC ATEX Directive 2014/34/EU							
We CorDEX Instru Hereby declar		oducts describe	d below;				
Product: Model:							
2014/34/EU re	elating to eq	uipment intende	and safety require ed for use in potent 40°C) equipment, b	ially explosive atm	nospheres (ATEX		
BS EN 60079-0:2012 + A11:2013 Explosive atmospheres - Part 0: Equipment – General rec					al requirements		
BS EN 60079-11:2012 Explosive atmos			spheres. Equipmen	t protection by in	trinsic safety "i"		
procedures an	e in conform Number 051	ity with the requ	n Annex VII of Direct uirements of EN 80 uition Ltd. Unit 6, Ha	079-34 under the	supervision of		
of EU Directive	e 2011/65/EI	J on the restrict	at the products con ion of certain hazar d other current EEC	dous substances i			
Signature:	Ą	Jdn	Authorised Perso	on			
Position:	Managing D	irector	on behalf of Cort	DEX Instruments L	td		
Date:	18/05/2018		_				
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EU TYPE EXAMINATION CERTIFICATE



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IECEX CERTIFICATE OF CONFORMITY





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