

		IECEx Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEx Scheme visit www.iecex.com</small>			
Certificate No.:	IECEx ZLM 12.0001X	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2012-07-05	Page 1 of 3	
Applicant:	ABB SpA via Statale 113 I-22016 Lenno (CO) Italy		
Electrical Apparatus:	Hand held terminal type DHH805A		
Optional accessory:			
Type of Protection:	Intrinsic Safety		
Marking:	Ex ia IIC T4 Ga		
Approved for issue on behalf of the IECEx Certification Body:	Dipl.-Ing. Harald Zelm		
Position:	Head of Certification Body		
Signature: (for printed version)	_____		
Date:	_____		
<small>1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.</small>			
Certificate issued by:			
ZELM Explosionsschutz GmbH Siekgraben 56 D-38124 Braunschweig Germany			

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Manufacturer:	ABB SpA via Statale 113 I-22016 Lenno (CO) Italy		
Manufacturing location(s):			
<p>This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.</p>			
STANDARDS: The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:			
IEC 60079-0 : 2011 Edition: 6.0		Explosive atmospheres - Part 0: General requirements	
IEC 60079-11 : 2011-06 Edition: 6.0		Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	
IEC 60079-26 : 2006 Edition: 2		Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	
<p><i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i></p>			
TEST & ASSESSMENT REPORTS: A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in			
<u>Test Report:</u> DE/ZLM/ExTR12.0001/00			
<u>Quality Assessment Report:</u> IT/CES/QAR07.0001/05			



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Hand Held Communicator DHH805A is a hand held device used to configure, calibrate and troubleshoot smart transmitters via the HART protocol. The hand held communicator can be used either directly at the device or via a remote connection. The device is suitable for the use in explosive hazardous areas which requiring a EPL Ga. For the Electrical Data and the permissible ambient temperature ranges see Annex.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The Hand Held Communicator DHH805A must be charged outside the explosion hazardous area. During charging the reduced temperature range must be adhered.
2. The Hand Held Communicator DHH805A must be used with the battery pack type AU3153 inside the explosion hazardous area. The battery pack of type AU3160 may be used only outside the explosion hazardous area.
3. The connection of the USB-communication must be done outside the explosion hazardous area. During USB-communication the reduced temperature range must be adhered.
4. The HART interface shall be used only in parallel connection to avoid voltage addition.
5. The use of the protection rubber is permitted inside the explosion hazardous area. The use of the elastic band is not permitted inside the explosion hazardous area.

Annexe: [IECExZLM120001-Anlage.pdf](#)