

IECEx Certificate of Conformity

IEC C	for rules and details of	the IECEx Scheme visit www.iec	Atmospheres ex.com
Certificate No.:	IECEx BVS 11.0027X	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2011-04-08	Page 1 of 4	
Applicant:	Mettler-Toledo (Chang 111 West TaiHu Road, Xi ChangZhou, JiangSu Pro China	JZhou) Measurement Techno nbei District, vince, 213125	blogy Ltd.
Electrical Apparatus: Optional accessory:	Terminal type IND226x		
Type of Protection:	Flameproof enclosure 'o intrinsic safety 'iD'	l', Equipment protection by int	rinsic safety "i", Protection by
Marking:	Ex ib IIC T4 Gb Ex ib IIIC T60 °C Db		
Approved for issue on I Certification Body:	behalf of the IECEx	HCh. Simanski	
Position:		Head of Certification Body	
Signature: (for printed version)		NO S.	0
Date:		\$ 4. 4. Juni	1-
 This certificate and s This certificate is not The Status and authors 	schedule may only be reprodu transferable and remains the enticity of this certificate may	ced in full. property of the issuing body. be verified by visiting the Official	IECEx Website.
ertificate issued by: C C	DEKRA EXAM GmbH Dinnendahlstrasse 9	D	DEKRA
	44809 Bochum Germany	DEK	RA EXAM GmbH

Certificate No.: IECEx BVS 11.0027X Date of Issue: 2011-04-08 Issue No.: 0 Page 2 of 4 Manufacturer: Mettler-Toledo (ChangZhou) Measurement Technology Ltd. 111 West TaiHu Road, Xinbei District, ChangZhou, JangSu Province, 213125 Manufacturing location(s): 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 requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documer as amended. STANDARDS: The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identifie documents, was found to comply with the following standards: IEC 60079-11: 2003 Electrical apparatus for explosive gas atmospheres - Part 11: Flameproof enclosure 'd' Edition: 5 IEC 610079-11: 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety 'I' Edition: 5 IEC 6121-111: 2005 Electricial apparatus for use in the pressence of combustible dusts - Part 11: Protection b intrinsic safety 'ID' This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above. TEST & ASSESSMENT REPORTS: A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in Test Report: <th colspan="5">IECEX Certificate of Conformity</th>	IECEX Certificate of Conformity				
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	10	of Conformity
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Date of Issue:	2011-04-08	Issue No.: 0
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		Schedule
EQUIPMENT: Equipment and systems cove	ered by this certificate are	as follows:
Description		
In terminal type IND226x it is (Interface Remote). This dep the connected instrument. Rating / Parameters:	s possible to install one ac bends on the application o	tive interface board (Interface IND) or one passive interface board f the weighing indicator. The corresponding part is located within
Thermal data		
Ambient temperature range Max. surface temperature T	Та	-10 °C up to +40 °C 60 °C
Degrees of protection accord	ding to IEC 60529	IP66
	-	
CONDITIONS OF CERTIFIC	ATION: YES as shown I	below:
CONDITIONS OF CERTIFIC UV light has to be avoided. Only cable glands and blank	ATION: YES as shown I s shall be used which are	below: certified for that purpose.
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		I	Page 4 of 4	
EQUIPMENT(continued):				
Rating / Parameters (conti	nued):			
Electrical data				
Power Input (Terminals P	1-P9)			
Voltage		Ui D	C 13 V	
Internal capacitance		Ci	negligible	
Internal inductance		Li	negligible	
Remark: Current and pow are in the power supply cire	er have not been mentioned because lin rcuit,which limit the input current and the	niter stages power dissipation ir	n the terminal.	
Digital Active Input Port (to	erminals I1-I2)			
Current		lo D	1 mA	
Power		Po	1.4 mW	
Max. external capacitance		Co	100 nF	
Max. external inductance		Lo	0.1 mH	
Loadcell Connection (term	ninals B1-B7)			
Voltage		Uo D	C 5.88 V	
Current		10 Bo	156 MA	
Nax external canacitance		FO	200 pE	
Max. external inductance		Lo	0.3 mH	
Optional: active Interface	Board (Interface IND) - Option COM4			
Voltage		Uo D	C 5.88 V	
Current		lo	144 mA	
Power		Po	212 mW	
Max. external capacitance		Co	600 nF	
Max. external inductance		LO	0.4 1111	
Optional: passive Interface	e Board (Interface Remote) - Option CON	M4	0 40 V	
Voltage		Ui D	C 10 V	
Power		li Di	500 mA	
Internal canacitance		Ci	120 nF	
Internal inductance		Li	negligible	