

1. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 11 ATEX 2028 X

(Translation)

Equipment: Intrinsically Safe TRUE RMS MULTIMETER Typ Fluke 28 II Ex

Marking:  II 2 G Ex ia IIC T4 Gb or
II 2 D Ex ia IIIC T130°C Db oder I M1 Ex ia I Ma

Manufacturer: ecom instruments GmbH

Address: Industriestraße 2, 97959 Assamstadt, Deutschland

Description of supplements and modifications

The FLUKE 28 II EX is a "TRUE RMS MULTIMETER" for measuring voltage, current, resistance and capacitance within (and outside) potentially explosive atmospheres. It can be used as a category 2-equipment in gas hazardous areas of Group II, as a category 2-equipment in dust explosion hazardous area of Group II and as a category 1-equipment in mines susceptible to firedamp of Group I.

The FLUKE 28 II EX will be made and operated in accordance with the test documents listed in the test report.

The modifications concern the accessories, the usage of the alligator clips type AC175 and modifications of the internal construction.

The FLUKE 28 II EX is operated with the following accessories:

Accessory	Type	Remark
test leads	TL175	
bead temperature probe	80BK-A	
alligator clips	AC 172, AC 175	
AC current clamp	i400	see special conditions
temperature probe	80PK-27	see special conditions

All other data remain unchanged.

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

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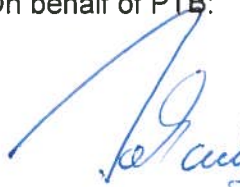
Applied standards

EN 60079-0:2009, EN 60079-11:2007, EN 61241-11:2006, EN 50303:2000

Test report: PTB Ex 12-22038

Zertifizierungssektor Explosionsschutz
On behalf of PTB:

Braunschweig, March 8, 2012


Dr.-Ing. U. Johannsmeyer
Direktor und Professor

