

Statement of Conformity

Declaration: SensISCO (NAMUR NE 116)

Document No.

SO120813C

Issue No.: 1

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The electrical apparatus

Protos® Module Type PH 3400X-035

manufactured by

**Knick Elektronische Messgeräte GmbH & Co. KG
Beuckestr. 22, D-14163 Berlin**

complies with

NAMUR-Recommendation NE 116

and may be marked with

SensISCO1

Description

pH-Measurement module for the Modular Analyzing System Protos® Type 3400 X */***

Electrical Data

Measuring Circuit	Terminals (KL ...)	NE116 Connection Class
pH	2, 8, 12, 15	1
pH / ISFET	2, 8, 12, 13, 14, 15	1
pH / Temperature	2, 8, 12, 15, 18, 19	1
pH / ISFET / Temp.	2, 8, 12, 13, 14, 15, 18, 19	1
pH / ISM / Temp.	2, 8, 12, 15, 16, 17, 18, 19	1
pH / ISFET / ISM / Temp.	2, 8, 12, 13, 14, 15, 16, 17, 18, 19	1

The measuring circuits are galvanically connected and are infallibly galvanically separated from the power supply and other circuits up to a peak voltage of 60 V.

Evaluation

The measuring circuits comply with Ex category 1 G of intrinsic safety "ia" ignition protection, group IIC, and are ungrounded by galvanical isolation from other circuits. They are categorised in Connection Class 1 in accordance with the NE SensISCO concept. The apparatus marking shall include the code

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Test documents

EC-Type Examination Certificate KEMA 03ATEX2530, Issue Number: 4
SensISCO PROTOS PH 3400X 035.xls (June 21, 2010 rr)

Place and date of issue

Berlin, August 13, 2012**Knick Elektronische Messgeräte GmbH & Co. KG****Wolfgang Feucht**
Geschäftsführer
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