

Statement of Conformity

Declaration: SensISCO (NAMUR NE 116)

Document No.

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Issue No.: 1

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The electrical apparatus

Protos® Modules Type PH 3400X-032, PH 3400X-033

manufactured by

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

complies with

NAMUR-Recommendation NE 116

and may be marked with

SensISCO1X
SensISCO1X/SensISCO2

Description

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

Electrical Data

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

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 and Connection Class 2 in accordance with the NE SensISCO concept.

The apparatus marking shall include the code

SensISCO1X
SensISCO1X/SensISCO2

Test documents

EC-Type Examination Certificate KEMA 03ATEX2530, Issue Number: 4
SensISCO PROTOS PH 3400X 032 033.xls (June 21, 2010 rr)

Place and date of issue

Berlin, August 13, 2012

Knick Elektronische Messgeräte GmbH & Co. KG

**Wolfgang Feucht**
Geschäftsführer
Managing Director