

CHIMIA REPORT/COMPANY NEWS

Firmen stellen sich und ihre Produkte vor

Beiträge bitte direkt an: Kretz AG, Postfach 105, CH-8706 Feldmeilen, info@kretzag.ch

Companies present themselves and their products

Please contact: Kretz AG, Postfach 105, CH-8706 Feldmeilen, info@kretzag.ch

Humidity Transmitter in Probe Design with 4–20 mA Output



Humidity Transmitter in Probe Design with 4–20 mA Output in Probe Design from E+E Elektronik

EE061 from E+E Elektronik GmbH

The new transmitter of the series EE061, in the form of a slim probe, allows for the precise measurement of the relative humidity in air from 0...100% RH. The main challenge in the development was

to deal with the heat generated by the current output. The latest microprocessor technology in combination with excellent temperature compensation and a special design of the electronics have solved this problem.

The EE061 unifies outstan-

ding measurement accuracy with a compact design and a 4–20 mA current output.

The electronic board integrated in the probe is protected from external influences by a potting compound of very high quality and therefore usable from –40 to 60 °C. In combination with the for years now proven quality of the E+E coating of the humidity sensor, is the transmitter insensitive to dust, dirt and condensation. The EE061 allows for stable long term measurements in demanding applications like outside, in stables, storage rooms, or greenhouses.

All important information for the user is engraved on the 160 mm long sensor probe by means of a laser and will be still legible after several years

of use. The supply voltage for the EE061 is 9–28 Vdc. Indifferent of how the probe is connected the protection against reverse polarity prevents installation errors. The fixed connection cable is 0.5 meter or 3 meter long.

It is possible to have an optional 4-wire passive (sink) temperature output. The available accessories like a mounting flange and a radiation shield for outdoor applications completes the flexibility of these series.

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Leserdienst Nr. 2

Fast and Efficient PARP Inhibitor Screening with the FLUOstar Omega



PARP inhibitors have recently been pushed to the forefront of many avenues of cancer research. Poly ADP-ribosylation is a post-translational modification of proteins that plays a crucial role in regulating DNA repair. Polymerases (PARP) catalyse the reaction with the help of NAD+. PARP inhibitors have been shown to potentiate the cytotoxicity of anti-cancer drugs and are therefore extremely interesting target compounds for cancer research.

BMG LABTECH's FLUOstar Omega has been proven

to be an important tool in the screening of PARP inhibitors. This multidetection microplate reader is able to perform the complex assays needed for the evaluation of PARP inhibitors. The capability of the FLUOstar Omega to read numerous detection modes including fluorescence, luminescence and absorbance, facilitates simple and rapid measurement of all aspects of PARP inhibitor evaluation using a single machine. For more information, please contact BMG LABTECH or visit our website: www.bmglabtech.com.

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Leserdienst Nr. 3

Leserdienst «CHIMIA-REPORT»

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