

PowerMon Silikometer



The compact and modular design of the PowerMon can contain up to six on-line measuring points in one device and enables a space-saving and economic operation



Technical Data

MEASURING METHODS

cyclic, colorimetric

MEASURING CYCLE

min. 10 min / typical 15 min

MEASURING RANGE

0-5 ppb

to 0-1100 ppb

Further parameters and measuring ranges on request

PRECISION

3% or 0.1 ppb

(whatever is higher)

DETECTION LIMIT

100 ppt (MB 0-5 ppb)

DRIFT

typ. < 0.2% of measuring range (end of value)

REAGENT SUPPLY

typ. 12 weeks

depending on range

NUMBER OF MEASURING POINTS

max. 6

OUTPUT SIGNAL

0/4-20 mA

max. load 500 OHM

characteristic curve:

linear/logarithmic

galvanically isolated

INTERFACES

USB / Ethernet

Option:

modem: analog, GSM, ISDN,

UMTS

Profibus DP, Modbus RTU

RELAY CONTACTS

4/12 potential free contacts

free allocable

(e.g. alarm contact)

DIGITAL INPUTS

4/12 e.g. activating and deactivating of measuring points, system control

SAMPLE

pressure-free

Temperature : 15 - 45°C

(288 - 308 K)

Flow : 3 - 10 l/h

free from suspended matter and oil

Connection : tube, flexible

(ID 1.5 - 3 mm)

DRAIN

pressure-free

tube, flexible

(ID 10 mm)

POWER SUPPLY

85...264 VAC at

47...63 Hz

POWER CONSUMPTION

max. 50 VA

ENVIRONMENTAL TEMPERATURE

15 - 35°C (288 - 308 K)

INSTALLATION

wall-mounted

PROTECTION CLASS (EN 60529)

IP 65 (electronics)

IP 54 (with housing)

IP 21 (with jacket)

WEIGHT

housing with reagent cabinet

53 - 60 kg without reagents

DIMENSIONS

(HEIGHT X WIDTH X DEPTH)

housing: 700x600x320 mm

with reagent cabinet:

1100x600x354 mm

For further information please contact our Technical Support Department

SPX

NORTH AMERICA DISTRIBUTION



www.southforkinstruments.com

SPX Flow Technology Norderstedt GmbH - Werkstraße 4 - D-22844 Norderstedt
Phone: +49 40 52202-0 Fax: +49 40 52202-444 E-Mail: branluebbe@spx.com

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