SKIDS DE CONDICIONAMENTO DE AMOSTRA

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ANAPARTS B.V.
Analyse-instrumenten, meet- & regeltechniek
safety systems

DR. LEYE
Analysen-und Anlagentechnik

Hydrazine meter

con 2000 hydrazine

Analyser

for the determination of

hydrazine

Features and peculiarities

- Capable of measuring in a range from trace amounts up to saturated media
- High resolution and rapid response time thanks to elimination of membrane
- No zero point setting required
- Low-maintenance measuring sensor
- Compensation of flow rate and temperature effects
- Sensor available both as floor unit and panel-mounted unit
- Insensitive to pressure fluctuations
- Analogue and digital interface
- Processing of measured values by means of state-of-the-art microcontroller technology, menu-assisted operation

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Technical data

Measuring method:	Potentiostatic 3-electrode measuring system
Calibration:	Integrated calibration via actuation of pushbutton based on reference solutions

Measuring ranges:
Measuring range group I: 0.0.....500.0 µg/l
Measuring ranges freely selectable from 20...500.0 µg/l
Measuring range group II: 0.0.....20.0 mg/l
Measuring ranges freely selectable from 4.....20.0 mg/l

Autom. measuring range switching: optionally manual or automatic

Analogue output:	0(4).....20 mA freely selectable; max. output load 500 Ω
Digital output:	Serial interface RS 232
Data logging:	Option
Limit value:	Floating changeover contact 230 V/500 mA
Alarm/fault:	Floating changeover contact 230 V/500 mA
Measuring electrode:	Gold
Counter-electrode:	High-grade steel 1.4571
Reference electrode:	Ag/AgCl electrode in saturated KCl solution
Calibrating electrode:	High-grade steel 1.4571
Time constant t_{90}:	30 s
Conductivity of material to be analysed:	≥ 2 µS/cm, otherwise, use salting cell with calcium carbonate
Flow rate of material to be analysed:	5.....15 l/h
Ambient temperature:	0.....+55°C
Temperature of material to be analysed:	0.....+60°C

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Pressure of material to be analysed:	< 8 barg (0.8 MPa)
Connection for material to be analysed:	Compression-type fitting f. pipe ∅ 6 mm
Error limit:	± 3 %
Degree of protection:	IP 5
Mains voltage:	100...240 VAC ; 50/60 Hz
Power consumption:	10 VA
Housing:	Aluminium die casting housing W 137 x H 220 x D 70

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