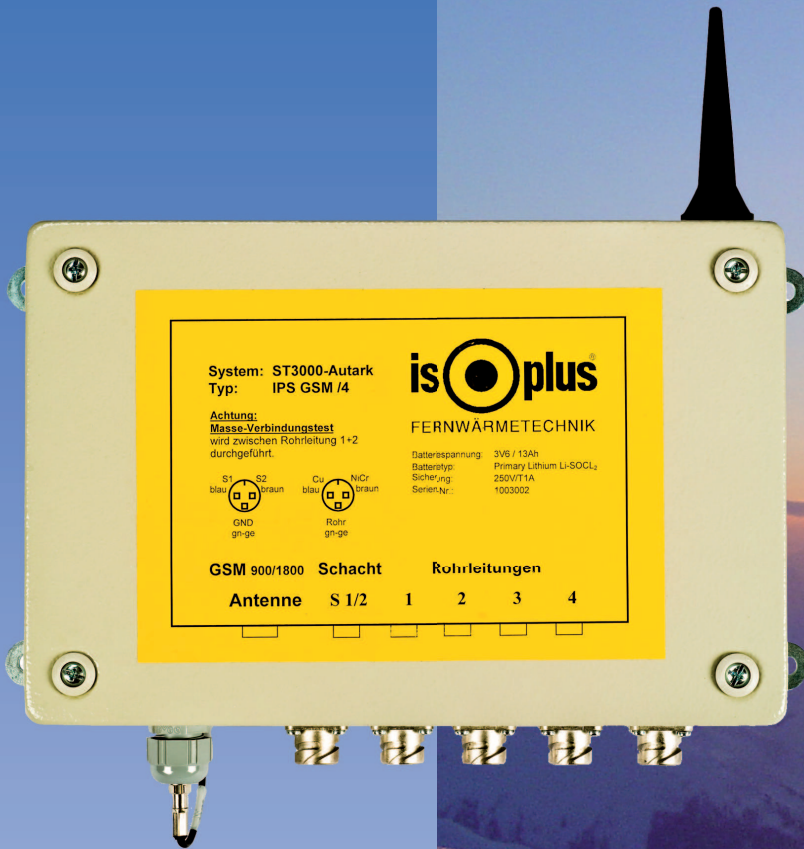




Transporting energy.



System: ST3000-Autark
Typ: IPS GSM /4



FERNWÄRMETECHNIK

Achtung:
Masse-Verbindungstest
wird zwischen Rohrleitung 1+2
durchgeführt.



Batteriespannung: 3,6V / 13Ah
Batterietyp: Primary Lithium Li-SOCl₂
Sicherung: 250V/T1A
Serien-Nr.: 1003002

GSM 900/1800	Schacht	Rohrleitungen			
Antenne	S 1/2	1	2	3	4

Automatic Leakage-Monitoring-Module ST3000 - AUTARK

- No current
- No data line
- Free usable
- Network ability



www.isoplus.org

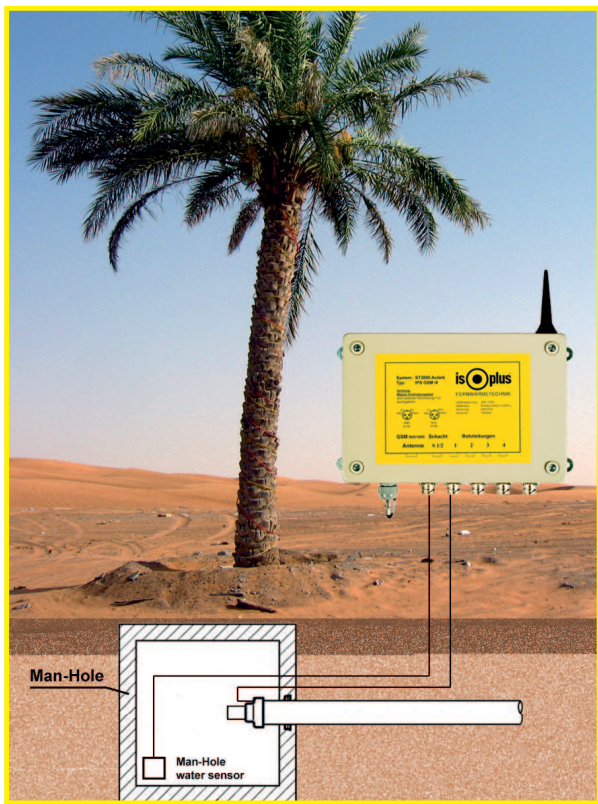
Analog-Digital

ST3000 – AUTARK is the first analog isoplus-leak-monitoring-modul which is fully integrated into the „isoplus-digital family“. It will be used locally and totally **AUTARK** – that means no current supply by conduction wires and no fix data-line (copper-bus or LWL) will be required. The product is equipped with a GSM-unit for data transmission via mobile phone network and with a powerful lithium battery (Li-SoCl₂).

ST 3000 – AUTARK is able to monitor up to four Cu-wires of 2.500 mtr. each as well as four NiCr-wires of 1.300 mtr. each and to low point sensors, depending from kind of type.

All data will be evaluated and displayed with our proved **isoplus-Digital** software.

ST3000 - AUTARK - Facts



- Independent from current and data network, central monitoring system for district heating / cooling lines
- Including integrated monitoring of man-holes by using man-hole water sensor (2x)
- Current supply via battery with guaranteed lifetime up to 5 years (*)
- Data transmission via GSM-modem via mobile phone network
- Failure evaluation via isoplus-digital-software (without locating!)
 - Moisture / contact / loop interference
 - Man-hole monitoring
 - Battery status
 - Indication of location
 - configured for operational control rooms
- Suitable for all known copper- and NiCr-wire-systems
- Variable configurations:
 - 230V operation with power unit
 - Network usable with COM-Server
 - 2/4 measurement channels
 - 1-2 man-hole monitoring
- Multiple usable:
 - Central monitoring of remotelines (so called “outside-lines”)
 - Central monitoring of not reachable lines (i.e in man-holes, private houses)
 - Central site-monitoring (nocturnal control measurement)

(*) One measurement per day and one transmission per week to central unit

Additional module ST3000 - AUTARK / SÜ:

Module for pure monitoring man-holes with two digital inputs for water level detectors or other signal transmitters (hourly measurement control)

Types:

ST3000 - AUTARK 2500-Cu with 2 or 4 channels (2.500m copper wire length per channel)

ST3000 - AUTARK 500-NiCr with 2 or 4 channels (500m pipe length per channel)

ST3000 - AUTARK 1300-NiCr with 2 or 4 channels (1.300m pipe length per channel)

ST3000 - AUTARK