

Product information

Network couplers NK-FW-graphic NT80NK-FW-graphic



KNX Energy Analyzer

The visualization of all energy consumption data is of great importance for the acceptance of potential energy saving measures and changes in consumer behavior.

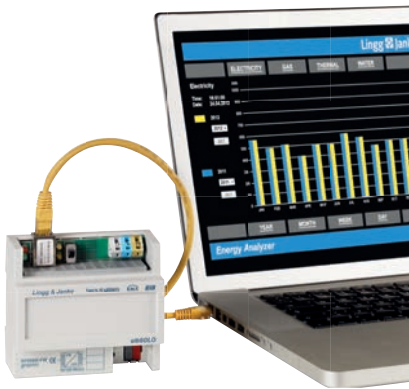
With KNX FacilityWeb by Lingg & Janke, all electricity, gas, heat and water consumption data can be read out and visualized at any time. The Energy Analyzer from Lingg & Janke displays the data in the form of daily, weekly, monthly and annual evaluations. The consumer, house owner or real estate manager now has the possibility to analyze energy consumption continuously, introduce adequate energy saving measures or shift energy usage to off-peak periods. You can also use FacilityWeb to easily visualize and monitor the self-consumption or in-feed of renewable energy.

- Complete FacilityWeb functionality
- Low energy consumption
- Data logger with storage capacity for 10 year's consumption data
- HTTP protocol

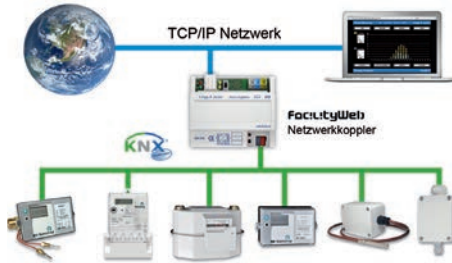
KNX Network couplers graphic / Energy Analyzer

Network couplers ,graphic'

The Lingg & Janke network couplers NK-FW-graphic and NT80 NK-FW-graphic connect the KNX/EIB bus with the IP network. They provide both HTTP and FTP server functionality. The couplers' integrated 104 datapoint visualization can be directly accessed using a web browser - no additional configuration is required. Any required settings are performed via ETS (group addresses / datapoint types / IP addresses), or within the visualisation itself using a browser (button labels/page headings/page links).



FacilityWeb



The NK-FW network couplers establish the interface to the FacilityWeb. Via this interface, the data from the bus couplers of the KNX devices can be visualized directly with a web browser or made available for download using FacilityWeb technology. Transmission is based on the certified FTP over KNX protocol.

KNX Energy Analyzer

Transparency for the energy types electricity, gas, heat and water

- up to 8 meters per network coupler
- Storage of hourly values over a 10-year period
- Download the stored data year basis, via FTP or HTTP

Graphical representation of daily, hourly, monthly and annual values

- MWh, kWh, m³ and liters
- Current day, week, month or year (and reference periods)

Presentation of costs (Euro)

Multiplier per unit

- Current day, week, month or year (and reference periods)

Visualization of 72 additional values

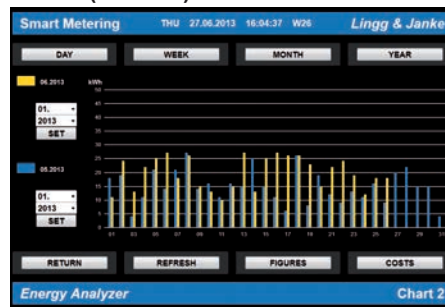
- 1-bit, 1-byte, 2-byte and 4-byte values

Language: German / English

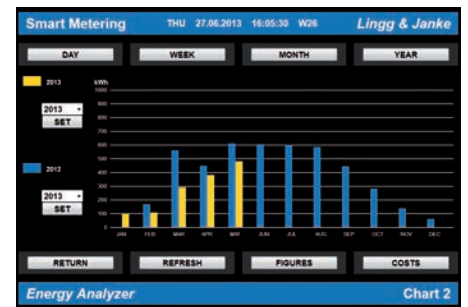
Day (Example PV system)



Month (Current)



Year



Values (Euro, day, week, month)

Smart Metering THU 27.06.2013 16:07:32 W26 Lingg & Janke			
COSTS		data logging ON	
meter reading	15851,113 kWh	meter number	14187688
costs:		costs:	
today	4,45 EUR	yesterday	8,60 EUR
this week	27,36 EUR	last week	73,17 EUR
this month	247,13 EUR	last month	222,43 EUR
this year	875,80 EUR	last year	0,00 EUR

Values (kWh, day, week, month)

Smart Metering THU 27.06.2013 16:06:41 W26 Lingg & Janke			
FIGURES		data logging ON	
meter reading	15851,113 kWh	meter number	14187688
import / export:		import / export:	
today	9,674 kWh	yesterday	18,702 kWh
this week	59,481 kWh	last week	159,066 kWh
this month	537,241 kWh	last month	483,555 kWh
this year	1903,921 kWh	last year	0,000 kWh

Setup (electricity meter)

SETUP Lingg & Janke			
CHART 2A SETUP	present setting	new setting	
meter type	ELEC. METER	<input type="text" value="select"/>	<input type="button" value="SET"/>
comm. objects:			
meter number	SBValue	<input type="text" value="select"/>	<input type="button" value="SET"/>
meter status	SBValue	<input type="text" value="select"/>	<input type="button" value="SET"/>
meter value	SBValue	<input type="text" value="select"/>	<input type="button" value="SET"/>
meter value hires	SBValue	<input type="text" value="select"/>	<input type="button" value="SET"/>

87321 Network coupler NK-FW-graphic 6TE

87331 Network coupler NT80NK-FW-graphic (with integrated KNX-power supply for max. 5 devices) 6TE