



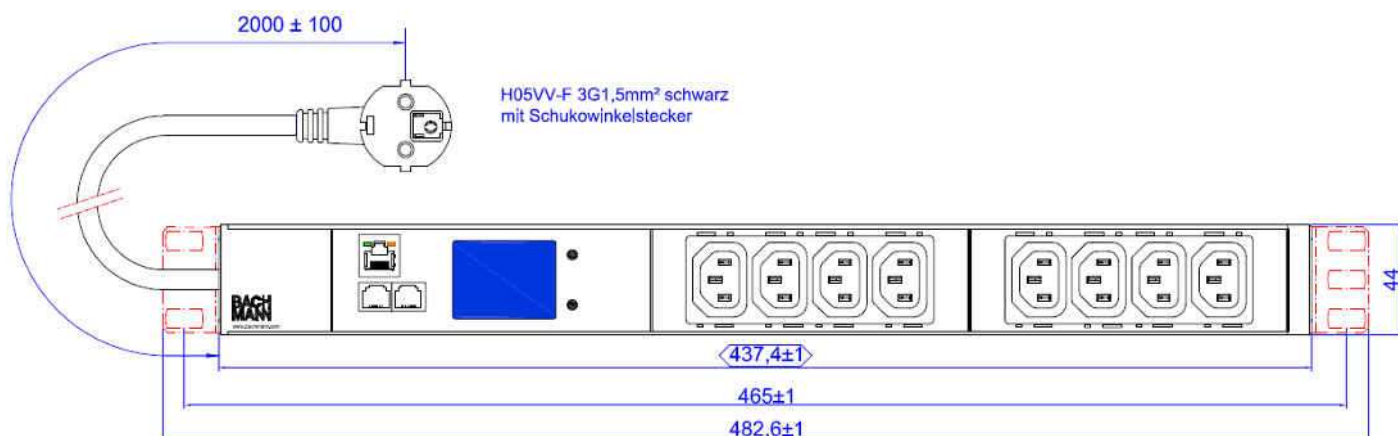
# Bachmann BlueNet

Technical Specifications / Technische Daten

Monitored 329.3010

**BluNet**

**BACH  
MANN**



## Overview

**Integrated measurement of current, active power, voltage, frequency, power factor, apparent and reactive power**

- Built-in Ethernet port
- Easy to use via a web browser
- Built-in temperature sensor
- Supports up to two sensors
- High-resolution TFT display
- Display can be rotated by software for better readability

## Specifications

### Physical

#### Profile

Aluminium anodized

#### Mounting Brackets

Steel Sheet Metal  
Rotatable in 90° steps

#### Sockets

##### Plastic Material

PA6 GF 30 V1, Glow wire resistant 850°C

#### 8 IEC C13 sockets

2-pole with earth contact  
16A/250VAC, IP20

#### Connection

2,0m H05VV-F 3G1,5mm<sup>2</sup> black with German right angled plug

## Übersicht

**Integrierte Messung von: Strom, Wirkleistung, Spannung, Frequenz, Power Faktor, Schein- und Blindleistung**

- Integrierter Ethernetanschluss
- Bedienung mittels Webbrowser
- Integrierter Temperatursensor
- Anschlussmöglichkeit von bis zu zwei Sensoren
- Hochauflösendes TFT Display
- Anzeige kann per Software zur besseren Ablesbarkeit gedreht werden

## Spezifikationen

### Mechanik

#### Profil

Aluminium eloxiert

#### Haltewinkel

Stahlblech  
Montage in 90° Schritten Möglich

#### Steckdosen

##### Kunststoff

PA6 GF 30 V1, Glühdraht-Prüfung 850°C

#### 8 IEC C13 Kaltgerätedosen

2-polig mit Schutzkontakt  
16A/250VAC, IP20

#### Zuleitung

2,0m H05VV-F 3G1,5mm<sup>2</sup> black with German right angled plug

## Environmental

### Maximum Elevation

0 – 3,000m

### Temperature (Operating / Storage)

-5 to 50° C / -15 to 65°C

### Relative humidity

5-95% RH. Non-condensing

## Compliance

### EMC Verification

EN 55022 Class A, EN55024, EN 61000 3-2 Class A

## Features

### Supported network protocols

IPv4  
DHCP  
http (can be disabled)  
SNMPv2  
NTP

### Measurement electronics

### Measurement accuracy

+/- 1%

## Umgebungsbedingungen

### Maximale Höhe

0 – 3,000m

### Temperatur (Betrieb / Lagerung)

-5 to 50° C / -15 to 65°C

### Luftfeuchtigkeit

5-95% RH. Non-condensing

## Konformität

### EMV

EN 55022 Klasse A, EN55024, EN 61000 3-2 Klasse A

## Features

### Unterstützte Netzwerkprotokolle

IPv4  
DHCP  
http (abschaltbar)  
SNMPv2  
NTP

### Messelektronik

### Messgenauigkeit

+/- 1%

BlueNet Monitored			
Home Analyzer Login About	Channels		
	Active Energy (kWh)	Active Power (W)	Current (A)
CH1 L1	5.006	6	0.06
CH2 L2	23.042	9	0.11
CH3 L3	10.915	1	0.09
CH4 N			0.12
Groups			
Pre-defined	Active Energy (kWh)	Active Power (W)	Current (A)
Total CH1-3	38.863	17	0.17
Environment			
	Temperature (°C)		
Internal Sensor	22.7		
External Sensor 1	25.6		

Überwachungsübersicht / Monitoring overview

BlueNet Monitored							
Home Analyzer Login About	Analyzer						
	P (W)	Q (var)	S (VA)	U (V)	I (A)	PF	f (Hz)
CH1 L1	6	-5	14	227.8	0.06	0.445	50.05
CH2 L2	10	-13	24	222.4	0.11	0.596	50.00
CH3 L3	1	0	1	224.1	0.09	1.000	50.00
CH4 N					0.12		
Groups							
Pre-defined	P (W)	Q (var)	S (VA)	I (A)			
Total CH1-3	17	-18	38	0.17			

Leistungsüberwachung im Detail / Power monitoring in detail

BlueNet Monitored	
Home Analyzer Settings Users Maintenance Password About	<p>General</p> <p>Device label: <input type="text" value="BlueNet-000770"/></p> <p>Hostname: <input type="text" value="blue-net-000770"/></p> <p>Network configuration</p> <p>Enable: <input checked="" type="checkbox"/></p> <p>Method: DHCP</p> <p>IP address: <input type="text"/></p> <p>Netmask: <input type="text"/></p> <p>Gateway: <input type="text"/></p> <p>SNMP</p> <p>Enable: <input checked="" type="checkbox"/></p> <p>Community: public</p> <p>Location: <input type="text"/></p> <p>Contact: <input type="text"/></p> <p>Miscellaneous</p> <p>Web server: open</p> <p>Telnet enable: <input checked="" type="checkbox"/></p> <p>SNTP server: <input type="text"/></p> <p>Timezone offset: <input type="text"/></p>

Systemeinstellungen / System settings

BlueNet Monitored	
Home Analyzer Settings Users Maintenance Password About	<p>Create new user</p> <p>Username: <input type="text"/></p> <p>Type: <input type="text"/></p> <p>Password: <input type="password"/></p> <p><input type="button" value="Create user"/></p> <p>Modify user</p> <p>User: <input type="text"/></p> <p>Username: <input type="text"/></p> <p>Type: <input type="text"/></p> <p>Password: <input type="password"/></p> <p><input type="button" value="Modify user"/></p> <p>Delete user</p> <p>User: <input type="text"/></p> <p><input type="button" value="Delete user"/></p>

Benutzerverwaltung / User management