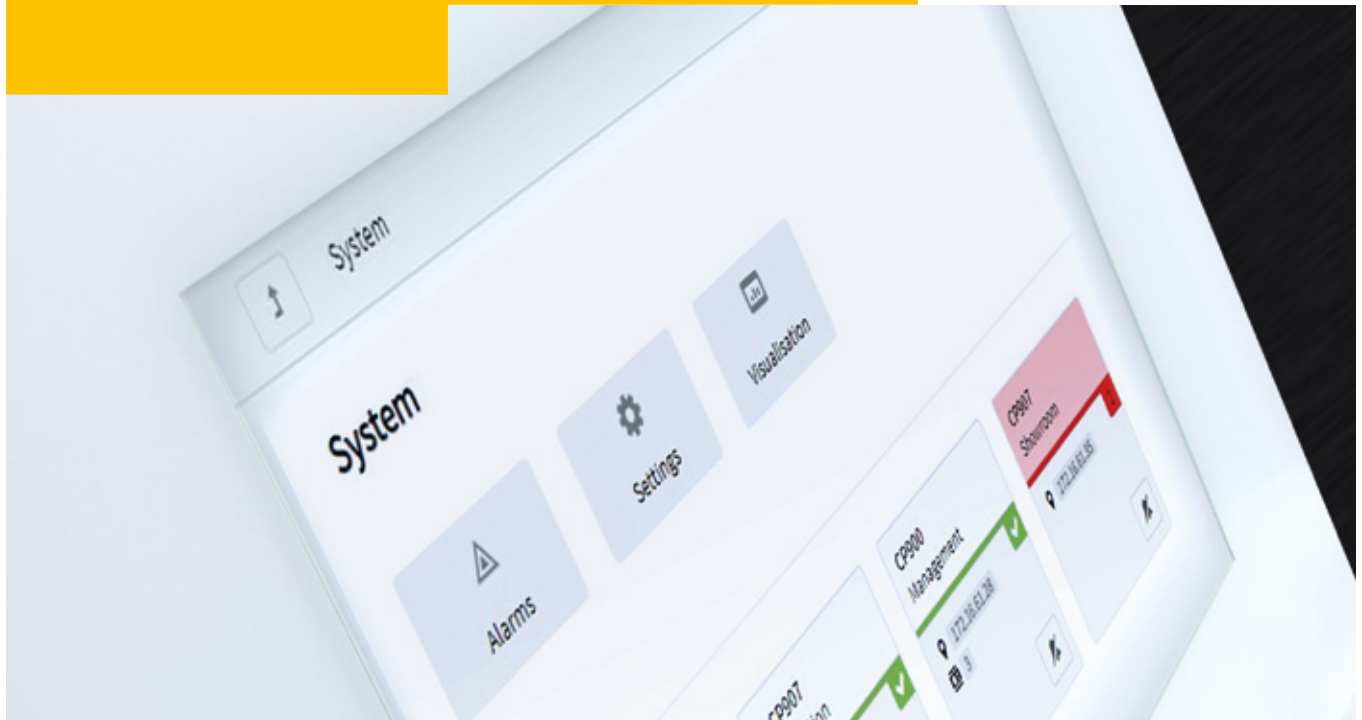





COMTRAXX[®] CP9...-I

for industrial applications
Simple. Safe. Connect.





Perfect system overview – Fast response time

In industrial plants, it is very important to recognise critical operating states at an early stage, as this can prevent a plant shutdown or at least significantly reduce downtimes. The devices in the COMTRAXX® CP9...-I series provide a perfect overview of all devices integrated in the system at all times. They alert you quickly in the event of a fault and offer a variety of analysis functions to monitor the system status.

Flexible monitoring and control centre

As a specialist in electrical safety, we have further developed our tried-and-tested COMTRAXX® series. This Condition Monitor with display and integrated gateway brings together all the information from the large number of integrated interfaces and allows the system to be optimally monitored and configured. Thanks to the configurable display content and the robust surface and design, there are no limits to the application scenarios.





COMTRAXX® CP9...-I Key benefits:

System status at a glance

Visual and acoustic alarm for timely action.

Wide range of analysis functions

The system can be perfectly monitored thanks to a variety of integrated analysis functions such as history memory and data logger.

Integration

Simple integration of all communication-capable Bender monitoring devices and third-party devices with Modbus interface.

System configuration

Parameterisation of all devices integrated into the system via display or web application.

Hygienically perfect

Easy cleaning and disinfection of the glass surface.

Future-proof technology

The software-based, updatable and expandable all-round system can be adapted to changing requirements, new configurations and new technologies at any time.



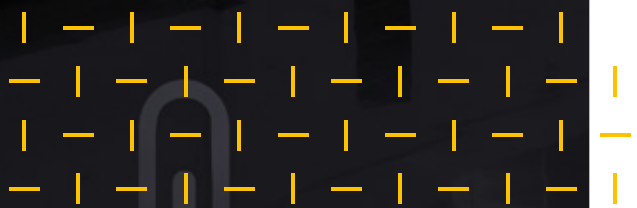


LOG

ON



kWh



Convenient operation – Reliable overview

Devices in the COMTRAXX® CP9...-I series are simple and intuitive to operate, and the visualisation is clear and unambiguous. The devices therefore enable safe handling of the systems and components, especially when things get hectic.

High level of safety

Alarm messages and operating statuses are clearly highlighted and easy to recognise.

Control via touch panel

The touch-sensitive TFT touch display complies with the robust industry standard. All functions can be easily operated with a finger using modern menu navigation, just like on a smartphone.

Customised display content

Whether a system overview with all associated parameters or a separate visualisation that only provides the desired information - the display content can be configured individually depending on requirements. It is easy to switch between views.

Optimum visibility

The high-quality displays offer excellent contrast and a wide viewing angle. All information is clearly legible at all times.

Graphics

COMTRAXX® CP9...-I enables the integration of building or circuit diagrams as well as background images.

Customised design

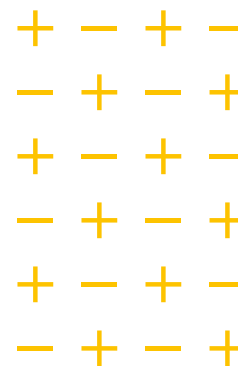
The user interface of the **COMTRAXX® CP9...-I** Control Panel can be individually customised to the respective requirements and corporate design. They are available in 7' and 15.6', with a hardened glass surface or antibacterial foil front (optional) and offer a choice of 25 operating languages.

Wide range of possibilities

Configuring the device parameters, analysing data logger recordings or sending test commands to the devices using the integrated widgets – the possibilities are endless.



Perfect communication – Versatile interfaces



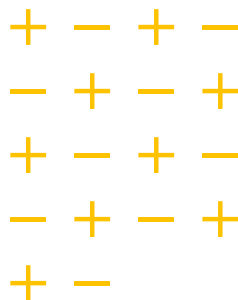
COMTRAXX® CP9...-I Condition Monitors are flexibly configurable monitoring and control centres for all technical systems in a room, building or system. The intelligent, centralised control units are easy to install and ensure simple maintenance of all connected devices.

Fully informed at all times

- Display of system and alarm statuses
- Output of visual and acoustic warning messages
- Monitoring from a central location

Simple integration

The COMTRAXX® CP9...-I series has various interfaces that can be used to easily and safely integrate a wide range of sensors and monitoring devices.



Passing on system information

All system information is provided using the widely used Modbus TCP and SNMP protocols. This includes, among other things:

- Device name
- Device status
- Number of alarms
- Alarm type
- Measured values
- Response values
- Measured value descriptions

System monitoring in accordance with DGUV V3

Thanks to the continuous monitoring of the connected devices and systems in conjunction with the POWERSCOUT® software, there is no need for cost-intensive system downtime due to testing. Suitable evidence of this monitoring is generated fully automatically.







Home



Factory Line 1



Factory Line 2



System

iso685

Voltage

✓ 230V

Insulation fault

✓ 1 M Ω

PEM735

U (1-N)

✓ 398.02 V

U (2-N)

✓ 398.65 V

U (3-N)

✓ 398.54 V

U (L-N) avg

✓ 398.42 V

Residual currents

Supply

✓ 82 mA

Wiring diagram

Supply air fan

✓ 19 mA

Wiring diagram

Exhaust fan

✓ 71 mA

Wiring diagram

Temperature Factory

21°C

18°C



Humidity Factory

40% rH

35% rH



Maximum future security – High economic efficiency

The COMTRAXX® CP9...-I series is based on Linux software, can be updated and is therefore particularly future-proof. The system can be customised at any time and new technologies can be easily integrated.

Robust design

The durable industrial displays with a hardened glass surface or antibacterial film front (optional) are designed for 24/7 use.

Freely programmable

All functions, contents and displays of the visualisation in the COMTRAXX® CP9...-I series are freely programmable and thus offer maximum future viability.

New installations and retrofitting

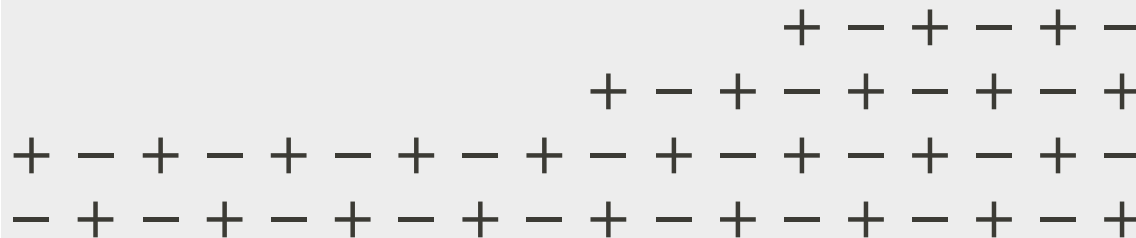
The COMTRAXX® CP9...-I series is suitable for use in newly configured systems as well as for modernisation or enables connection to existing installations and systems.

Quick updates

System updates can be carried out quickly and easily via the web application.


Simple modification

Expansion, service or replacement of individual devices in the system are easy to realise. The configuration can be carried out via the web application or the display.




System OK

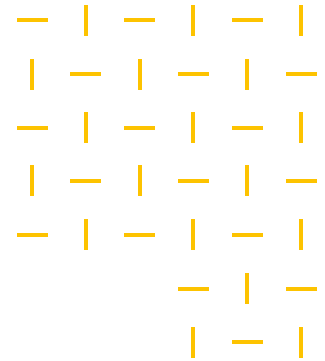
OK

 IT system 1

OK

 IT system 2

Ideal for all industrial applications – Wide range of possibilities



The COMTRAXX® CP9...-I series devices can be perfectly integrated into any environment thanks to the wide range of display options. They constantly monitor the status of the system, alert you to critical operating states at an early stage and can raise the alarm in a variety of ways. This ensures uninterrupted operation of the system.



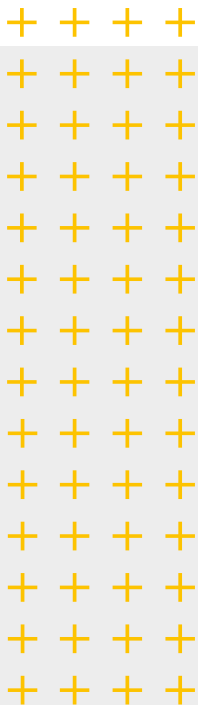
Wide range of display options

- Customised visualisation of the system
- Everything at a glance with the system overview
- Parameterisation of the system
- Integrated data logger
- All measured values at a glance



#	Alarm	Test	Channel description	Measured value
1	✓	-	US 40	37.27 V
2	✓	-	US 41	37.28 V
3	✓	-	US 42	37.41 V





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