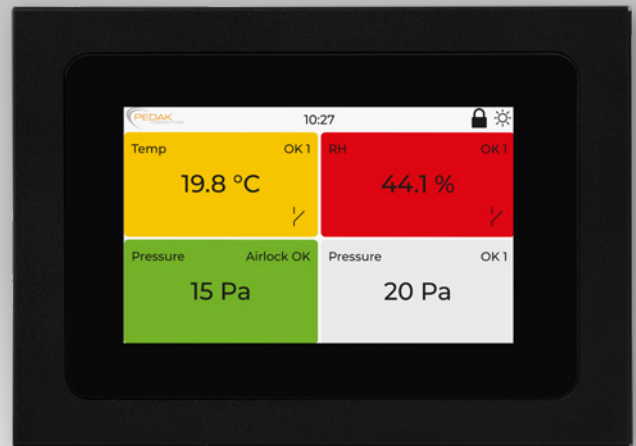




**Visualization
and status combined
in one view**



PEDAK DISPLAY

Single and multiple views



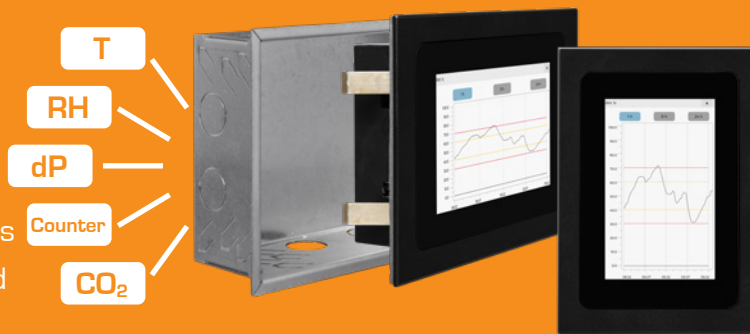
Smart measuring solutions, lasting service!

The Pedak Display for **cleanrooms, operating rooms, and laboratories.** The Pedak display provides an instant overview of whether the environmental conditions in your workspace are within specifications - for example, temperature, differential pressure, relative humidity, door movements, or particle levels. Using four colors, the measured value is immediately visible. Measured values and location details appear directly on the display. The color indication changes from white, green, orange (pre-alarm) to red, while an audible buzzer alarm sounds if any parameter moves outside its set limits. All measured data can be displayed in a graph and exported for further analysis.

VISUALIZATION AND STATUS COMBINED IN ONE VIEW

Applications

- Access control
- Airlocks
- Monitoring
- Creating awareness
- Climate control and supervision



- Display and status of climate parameters
- Visual and audible alarms
- Modern, sleek, and compact design
- Communication with Building Management Systems (BMS)

CHARACTERISTICS

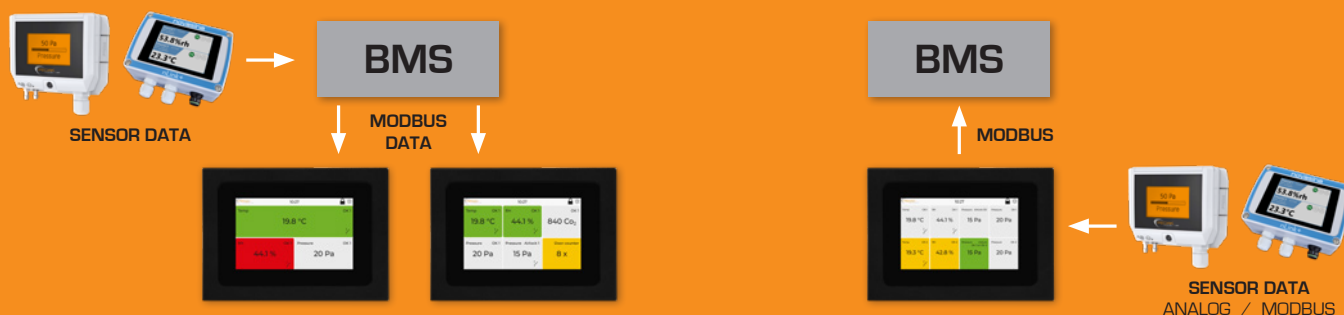


- **5-inch and 7-inch screens**
Readable from every angle
- **Flush wall-mounted**
Front panel only 2 mm thick, with rounded corners and no protruding parts
- **Easy to clean**
Flat film surface resistant to cleaning agents such as hydrogen peroxide (H₂O₂)
- **Shallow installation depth**
Suitable for almost any hollow wall
- **Snap-in design**
Self-locking, no tools required, no visible screws
- **1 to 8 views**
Consistent design for multiple functions and locations
Up to 8 views displayed simultaneously with data logging and historical trend display
- **Alarm indication**
Visual indication in green, red, yellow, white, plus audible (pre)-alarm



- **Universal inputs (brand-independent)**
 - Analog
 - Digital
 - Modbus
 - Wireless
- **Visualization and status in one view**
- **Visual, audible, and relay alarms**
- **Flush-mount design for a clean installation**
- **Relay outputs**
- **Up to 8 views**
- **Data logging function with graphical view**
- **Wireless data export**
- **Connection with wireless sensors**
- **TFT wide-angle display**
- **Horizontal or vertical mode**
- **Easy to clean**

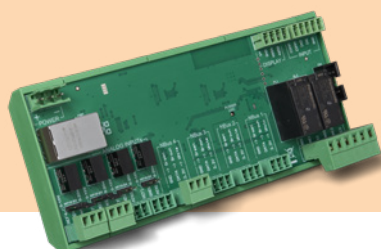
BUILDING MANAGEMENT SYSTEM WITH DISPLAY



SPECIFICATIONS PEDAK DISPLAY

	P5	P7	PRIObx	Box
Power supply	DC 24V ± 20%	DC 24V ± 20%	Power supply	DC 24V ± 20%
Power consumption	170mA	200mA	Power consumption	170mA
Display	5" TFT capacitive touchscreen	7" TFT capacitive touchscreen	Dimensions	170 x 85 x 55 mm 254 x 180 x 137 mm
Protection class	Front IP65 / Wiring IP00	Front IP65 / Wiring IP00	Casing type	DIN Mounting rail
Dimensions	171 x 121 x 35 mm	216 x 145 x 35 mm	Ambient temperature	-10°C tot +50°C
Mounting hole	145 x 95 mm	190 x 120 mm	Humidity	5% to 90% non-condensing
Casing type	Panel, snap in	Panel, snap in	Wiring	Via connectors
Ambient temperature	-10°C tot +50°C	-10°C tot +50°C	Interfaces	Modbus TCP/IP, RTU, Wifi
Humidity	5% to 90% non-condensing	5% to 90% non-condensing	N-Bus	4 x N-bus (Novasina nSens)
Wiring	Via connectors on the bottom	Via connectors on the bottom	Analog Inputs	4 x Analog Inputs galvanically isolated * (0-5V; 0-10V; 0-20mA; 4-20mA selectable)
Interfaces	Modbus TCP/IP, RTU, CAN-bus, RS232	Modbus TCP/IP, RTU, CAN-bus, RS232	Digital Inputs	2 x 24VDC PNP Digital Inputs*
Ethernet	Standard 10/100Mbit	Standard 10/100Mbit	Outputs	2 x Relays (NO,NC,COM), *
SD input	Micro SD, PC-compatible	Micro SD, PC-compatible	Ethernet	Standard 10/100Mbit
			Analog GND	Each analog input isolated with its own ground

* can be expanded up to 8 analogue/digital inputs and/or 8 relays by using Puzzle-modules



SENSORS

Relative humidity, temperature and differential pressure.

The Pedak display is compatible with various sensors and is brand independent. To achieve and maintain optimal indoor climate, sensors must offer high accuracy, reliability, and repeatability.

Our range of sensors - for example, for relative humidity, temperature, and differential pressure - perfectly meets the demand for high-quality indoor climate control.



WE ARE PEDAK

For 50 years, Pedak has specialized in measurement technology and has over 25 years of experience in cleanrooms. Our goal is to provide every customer with the right insights - insights based on years of knowledge, experience, and facts.

WANT TO KNOW MORE?

Ask our specialists about the possibilities!



Pedak meettechniek
Roorveld 1
6093 PL Heythuysen (NL)
T +31 (0)475 49 74 24
E info@pedak.nl



www.pedak.nl

