

The brands of the BPW Group:



HOT OR NOT?

BPW ThermoMonitor



BPW ThermoMonitor 18851901 e **conception GmbH**

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Monitor the asphalt temperature with BPW's smart sensor system.

Transport and delivery of asphalt is difficult as temperature loss caused by conditions such as lengthy waiting times or transport routes can ruin the quality of the hot mixture before processing has even begun. The new ThermoMonitor from BPW obtains temperature data from four measuring points on the outer wall of the dumper truck and calculates the average temperature of the loaded asphalt from this. This allows you to reliably control and ensure the delivery quality of the asphalt.

IMPRESSIVE BENEFITS

- You monitor asphalt quality according to legal requirements and the latest amendments by the BMVI ministry.
- You determine the correct temperature before unloading.
- You document delivery according to legal specifications.
- You optimise and monitor your logistics and transport processes.

WHAT YOU NEED TO KNOW

- The BPW ThermoMonitor is much more rational and reliable than conventional measurement methods.
- An adapter and a wireless protocol printer for measurement protocol handover directly on the construction site are also available as an option.

TECHNICAL DATA

Module measurements: 120 x 65 x 40 mm

Supply voltage: 24-36 V approx. 50 mA

Measurement range: -10 up to 295° C

Number of measuring points: 4 or 5 (configurable)

Attachment: 2 x thread M4 in bottom of housing

Thermo-sensors

Screw-in sensors Pt1000 class A:

with thread M8 x10

with PTFE cable

30 cm temperature range -100 up to 260° C

TE Superseal connector

Display

Two-row LCD display:

Average temperature

Sensor temperatures VL, HL, B0, HR, VR and time

Error display for sensor failure

Vehicle identification number (configurable)

Connections

40 cm connection cable with feed through in bottom of housing:

5x cables for thermo-sensor,
TE Superseal socket

1x cable to power supply,
TE Superseal connector

1x cable to programming interface,
TE Superseal socket

1x cable to data interface,
TE Superseal socket

Sensor connection cable

Optional cable type specified by customer:

Rear measuring points: 4 m (length)

Floor measuring points: 6 m (length)

Front measuring points: 10 m (length)

Durability

EMV: ECE-R10

Interference pulses: ISO 7637-2 and ISO 16750-2

Density: IP67

Chemical resistance

UV-resistant

THE BPW EFFECT

100%

temperature control and
perfect asphalt quality

