

Laserliner

CondenseSpot XP



Professional climate/humidity/temperature measuring device for localising thermal bridges and condensation with Bluetooth interface

Rev17W50



- **Functions:** Surface-, ambient-, dew point-, contact-, wet-bulb temperature, relative humidity
- **Bluetooth interface** for measurement data transfer
- **Non-contact** temperature measurement in difficult-to-reach places and in hazardous measuring zones
- **Localisation** of thermal bridges and condensation water hazards in thermal bridge mode with dew point display



- Connection for **K-type temperature sensor**
- **Hygrometer functions:** Determine the relative air humidity and ambient temperature and calculate the dew-point temperature
- **Condensation water indicator** as bar graph display
- **Colour alarm function:** Thermal bridge warning with colour display
- **Min/Max/AVG/Dif function:** The smallest, largest, average or difference infrared measured value can be displayed.



- **Adjustable emissivity** (0.01 - 1.0) with quick selection of 5 memory locations
- **Memory function:** 50 storage locations
- Measurement display in °C or °F, selectable
- **Data-Hold:** The most recent measured values are saved temporarily.
- The **multifunction display** shows different measured values simultaneously
- Sturdy, ergonomically designed, **rubberised** casing



Illuminated LC display with colour alarm function



Connection for K-type temperature sensor

TECHNICAL DATA

INFRARED TEMPERATURE -40°C...800°C / -40°F...1472°F -40°C...0°C / -40°F...32°F (± 1°C + 0,1°C / 1°C)) / (± 1,8°F + 0,18°F / 1°F)) 0°C...33°C / 32°F...91,4°F (± 1°C / ± 1,8°F or ± 1% depending on the higher value) >33°C / >91,4°F (± 2°C / ± 3,6°F or ± 2% depending on the higher value)
DISPLAY RESOLUTION 0,1°C / 0,1°F / 0,1%rH
AMBIENT TEMPERATURE / WET-BULB TEMPERATURE -20°C...65°C / -4°F...149°F 0°C...50°C / 32°F...122°F (± 1°C / ± 1,8°F) <0°C and >50°C / <32°F and >122°F (± 2,5°C / ± 4,5°F)
REALTIVE HUMIDITY 1%...99%, 20%...80% (± 3%) <20% and >80% (± 5%)
DEW POINT TEMPERATURE -50°C...50°C / -58°F...122°F 41%rH...95%rH (± 1,5°C / ± 2,7°F) 31%rH...40%rH (± 2°C / ± 3,6°F) 20%rH...30%rH (± 2,5°C / ± 4,5°F)
CONTACT TEMPERATURE, K-TYPE -30°C...1372°C / -22°F...2501,6°F (± 1°C / ± 1,8°F or ± 1% depending on the higher value)
OPTICS 30:1 (30 m distance : 1 m measured spot)
EMISSION COEFFICIENT 0,01 - 1,0 adjustable
LASER 8-point laser circle
LASER WAVELENGTH 650 nm
LASER CLASS 2, < 1 mW
POWER SUPPLY Batteries 2 x 1,5 V type AA
RUNTIME 20 hours
OPERATION CONDITIONS 0...50°C / 32...122°F, 80%rH, no condensation, max. altitude 2000 m
STORAGE CONDITIONS -10...60°C / 14...140°F, 80%rH, no condensation
RADIO MODULE OPERATING DATA Bluetooth LE 4.x interface
DIMENSION (W x H x D) 150 x 205 x 60 mm
WEIGHT (incl. batteries) 412 g



CondenseSpot XP
including carrying case
+ batteries

Packaging dimension (W x H x D)
340 x 275 x 123 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
CondenseSpot XP	082.047A	4 021563 698936	2

