## Technical information for rest pads with contact sensor

## **Technical data:**

Transfer protocol  Displays / control elements in combination with Bluetooth module  Button  Wisual control status of the sensor Longer pressure > 5 seconds: Restores the operating status.  Visual control status of the sensor 3 green LED's illuminated: Contact sensor closed 2 red LED's illuminated: Contact sensor open 2 red LED's blinking slowly (1x per second): battery level under 20%.  Operating status All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver. 3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  For use indoors Altitude Up to 2000m Operating temperature [°C] 0 to 65 Storage temperature [°C] 0 to 65 Maximum relative humidity [%] 80 (without condensation) Safety rating	Physical connection			
Short tap: Activates or deactivates the LED display for visual control of the sensor.   Longer pressure > 5 seconds: Restores the operating status.   Visual control status of the sensor   3 green LED's illuminated: Contact sensor closed   2 red LED's illuminated: Contact sensor open   2 red LED's illuminated: Contact sensor open   2 red LED's blinking slowly (1x per second): battery level under 20%.   Operating status   All LEDs blinking slowly (1x per second): battery level under 20%.   Operating status   All LEDs blinking 3 times: pairing successful.   2 red LEDs blinking 3 times: pairing successful.   2 red LEDs blinking 3 times: pairing failed.   Environmental conditions   For use indoors   4 purple to 2000m   5 purple temperature   1°C  10 to 65   5 purple temperature   1°C  10 to 65   6 purple to 2000m   6	Type of connector		USB - Type C	
Short tap: Activates or deactivates the LED display for visual control of the sensor.   Longer pressure > 5 seconds: Restores the operating status.   Visual control status of the sensor	Transfer protocol		Proprietary protocol	
Sensor.  Longer pressure > 5 seconds: Restores the operating status.  Visual control status of the sensor 3 green LED's illuminated: Contact sensor closed 2 red LED's illuminated: Contact sensor open 2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver. 3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location Altitude up to 2000m Operating temperature [°C] 0 to 65 Storage temperature [°C] -10 to 65 Storage temperature [°C] -10 to 65 Storage temperature [°C] -10 to 65 Assimum relative humidity [%] 80 (without condensation) Safety rating Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17 Vibration resistance	Displays / control elements in combination with Bluetooth module			
Longer pressure > 5 seconds: Restores the operating status.    Visual control status of the sensor			Short tap: Activates or deactivates the LED display for visual control of the	
Visual control status of the sensor  3 green LED's illuminated: Contact sensor closed  2 red LED's illuminated: Contact sensor open  2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status  All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful.  2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  For use indoors  Altitude  Up to 2000m  Operating temperature  [°C] 0 to 65  Storage temperature  [°C] -10 to 65  Maximum relative humidity  [%] 80 (without condensation)  Safety rating  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance	Button		sensor.	
LED indicator  2 red LED's illuminated: Contact sensor closed 2 red LED's illuminated: Contact sensor open 2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver. 3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location For use indoors Altitude up to 2000m Operating temperature [°C] 0 to 65 Storage temperature [°C] -10 to 65 Maximum relative humidity [%] 80 (without condensation) Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17 Vibration resistance EN 60068-2-6			Longer pressure > 5 seconds: Restores the operating status.	
LED indicator  2 red LED's illuminated: Contact sensor closed 2 red LED's illuminated: Contact sensor open 2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver. 3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location For use indoors Altitude up to 2000m Operating temperature [°C] 0 to 65 Storage temperature [°C] -10 to 65 Maximum relative humidity [%] 80 (without condensation) Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17 Vibration resistance EN 60068-2-6				
LED indicator  2 red LED's illuminated: Contact sensor open 2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver. 3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location For use indoors Altitude up to 2000m Operating temperature [°C] 0 to 65 Storage temperature [°C] -10 to 65 Maximum relative humidity [%] 80 (without condensation) Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17 Vibration resistance			Visual control status of the sensor	
LED indicator  2 red LEDs blinking slowly (1x per second): battery level under 20%.  Operating status  All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful.  2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location  For use indoors  Altitude  up to 2000m  Operating temperature  [°C] 0 to 65  Storage temperature  [°C] -10 to 65  Maximum relative humidity  [%] 80 (without condensation)  Safety rating  up 43 as defined in DIN EN 60529  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  EN 6068-2-6			3 green LED's illuminated: Contact sensor closed	
Operating status  All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful.  2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location  For use indoors  Altitude  up to 2000m  Operating temperature  [°C]  0 to 65  Storage temperature  [°C]  -10 to 65  Maximum relative humidity  [%]  80 (without condensation)  Safety rating  IP64 as defined in DIN EN 60529  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance  EN 60068-2-6			2 red LED's illuminated: Contact sensor open	
All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location  Application location  For use indoors  Altitude  up to 2000m  Operating temperature  [°C]  O to 65  Storage temperature  [°C]  Abayimum relative humidity  [%]  So (without condensation)  Safety rating  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance  All LEDs blinking (1x per second): Operating status established, link must be confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing successful. 3 green LEDs blinking 3 times: pairing successful. 3 green LEDs b	LED indicator		2 red LEDs blinking slowly (1x per second): battery level under 20%.	
confirmed at the receiver.  3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location  For use indoors  Altitude  up to 2000m  Operating temperature  [°C] 0 to 65  Storage temperature  [°C] -10 to 65  Maximum relative humidity  [%] 80 (without condensation)  Safety rating  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance  EN 60068-2-6			Operating status	
3 green LEDs blinking 3 times: pairing successful. 2 red LEDs blinking 3 times: pairing failed.  Environmental conditions  Application location For use indoors  Altitude up to 2000m  Operating temperature [°C] 0 to 65  Storage temperature [°C] -10 to 65  Maximum relative humidity [%] 80 (without condensation)  Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance EN 60068-2-6			All LEDs blinking (1x per second): Operating status established, link must be	
Environmental conditions  Application location  Altitude  Operating temperature  Storage temperature  [°C]  Maximum relative humidity  Safety rating  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  EN 60068-2-6			confirmed at the receiver.	
Environmental conditions  Application location  Altitude  Operating temperature  [°C]  Storage temperature  [°C]  Maximum relative humidity  [%]  Safety rating  IP64 as defined in DIN EN 60529  Approvals / inspections  EMV  EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance  For use indoors  Up to 2000m  Op to 65  Storage temperature  [°C]  -10 to 65  80 (without condensation)  IP64 as defined in DIN EN 60529  EN 301 489-1 / EN 301 489-3 / EN 301 489-17			3 green LEDs blinking 3 times: pairing successful.	
Application location For use indoors  Altitude up to 2000m  Operating temperature [°C] 0 to 65  Storage temperature [°C] -10 to 65  Maximum relative humidity [%] 80 (without condensation)  Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17  Vibration resistance EN 60068-2-6			2 red LEDs blinking 3 times: pairing failed.	
Altitude         up to 2000m           Operating temperature         [°C] 0 to 65           Storage temperature         [°C] -10 to 65           Maximum relative humidity         [%] 80 (without condensation)           Safety rating         IP64 as defined in DIN EN 60529           Approvals / inspections         EMV           EMV         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Environmental conditions			
Operating temperature         [°C]         0 to 65           Storage temperature         [°C]         -10 to 65           Maximum relative humidity         [%]         80 (without condensation)           Safety rating         IP64 as defined in DIN EN 60529           Approvals / inspections         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Application location		For use indoors	
Storage temperature         [°C]         -10 to 65           Maximum relative humidity         [%]         80 (without condensation)           Safety rating         IP64 as defined in DIN EN 60529           Approvals / inspections         EMV         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Altitude		up to 2000m	
Maximum relative humidity [%] 80 (without condensation) Safety rating IP64 as defined in DIN EN 60529  Approvals / inspections  EMV EN 301 489-1 / EN 301 489-3 / EN 301 489-17 Vibration resistance EN 60068-2-6	Operating temperature	[°C]	0 to 65	
Safety rating         IP64 as defined in DIN EN 60529           Approvals / inspections         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Storage temperature	[°C]	-10 to 65	
Approvals / inspections           EMV         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Maximum relative humidity	[%]	80 (without condensation)	
EMV         EN 301 489-1 / EN 301 489-3 / EN 301 489-17           Vibration resistance         EN 60068-2-6	Safety rating		IP64 as defined in DIN EN 60529	
Vibration resistance EN 60068-2-6	Approvals / inspections			
	EMV		EN 301 489-1 / EN 301 489-3 / EN 301 489-17	
Shock resistance EN 60068-2-27	Vibration resistance		EN 60068-2-6	
	Shock resistance		EN 60068-2-27	