

Subject

Water damage door junction box

Validity

All GfA door junction boxes (e.g. wireless safety device WSD, with spiral cable)

Description

The door control displays miscellaneous fault indications due to a water damage in the door junction box.

Usage of spiral cable:

- F 2.0 no safety edge detected
- F 2.4 to F 2.9 miscellaneous fault indications of the safety edge

Additionally if the wireless safety device WSD is used:

- F 1.6 radio transmission of WSD is faulty

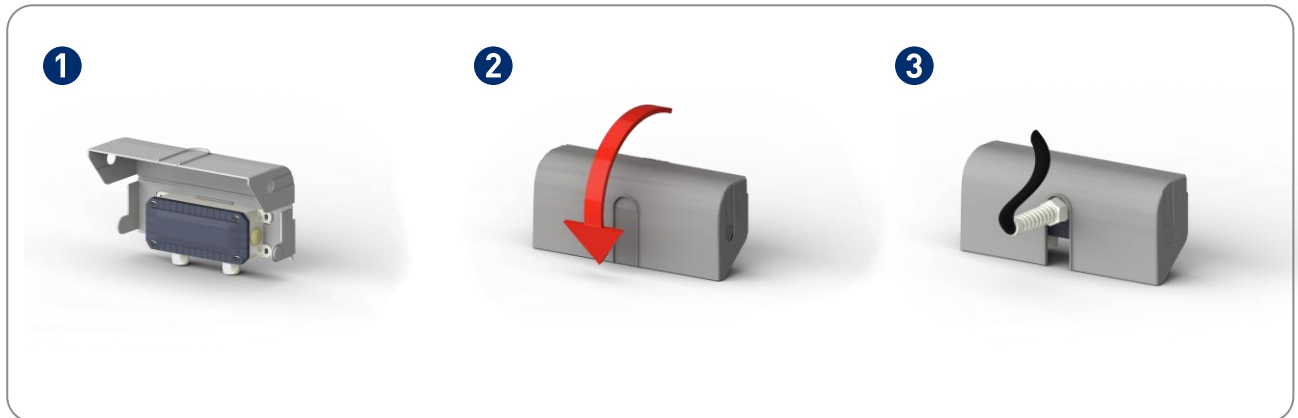
Possible causes

- The door junction box is used in environmental conditions, that are not covered by the protection class IP54 resp. IP65, especially permanent water penetration, washing facilities (water with aggressive additives), composting plants, etc..
- Cable gland tightened insufficiently
- Cover is not tightened appropriately, missing bolts for the cover
- Damaged or dirty gaskets

Troubleshooting

- Open the cover of the door junction box and check it with regard to traces of moisture or corrosion. The door junction box needs to be replaced if any traces are visible.
- Determine and rectify the cause for the water penetration
- Is the cover tightened properly, are bolts missing?
- Clean the gaskets, replace them if they are damaged.

Illustration




Notes

- In extreme environmental conditions (as e.g. in washing facilities, composting plants, etc.), all components are subject of wear (also gaskets) and need to be replaced from time to time
- We recommend the usage of the splash guard 40017478.00001

Your counterpart in Sales department will gladly give you advice and offer you the best possible solution.

Please do not hesitate to contact us if you need further information on the subject „IP protection“. On demand we would be delighted to send you our Service Information „IP protection“.

Please call us before dismounting and returning a product! Our Technical Service is available on the following number:

 +49 (0) 211-500 90 - 700 Technical Service

We are available during our normal business hours:

Monday - Thursday 7:30am – 12:30pm & 13:00pm - 16:00pm

Friday 07:30am – 13:00pm