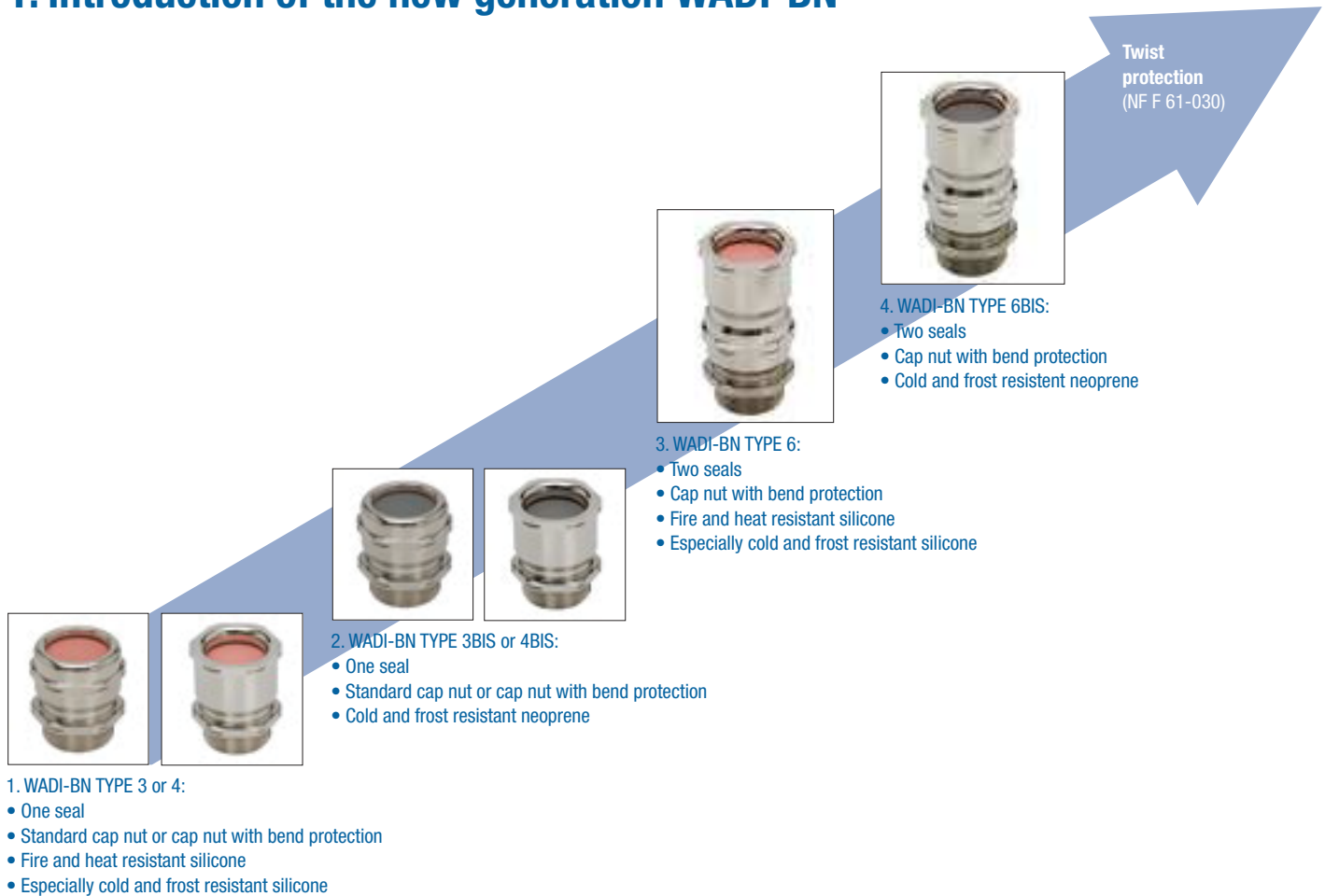


## 1. Introduction of the new generation WADI-BN

2.0



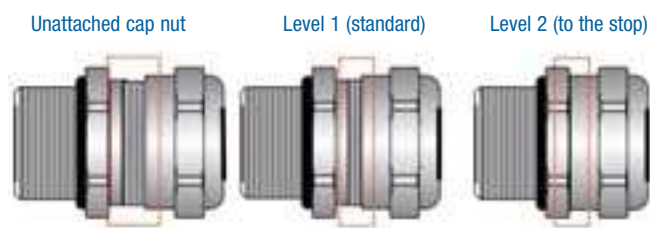
## 2. Twist protection remarks (NF F 61-030)

### Cable glands WADI-BN TYPE 1 - 6BIS *Gradual fixation to the stop*

In certain cases, it is necessary to fixate the cap nut to the gland element in two steps.

1. Screw the cap nut tight up to the first level. Details of the respective Nm can be found in the test report.
2. Pause for a short intermission of a few seconds.
3. Screw the cap nut even tighter up to the second level (metal on metal).

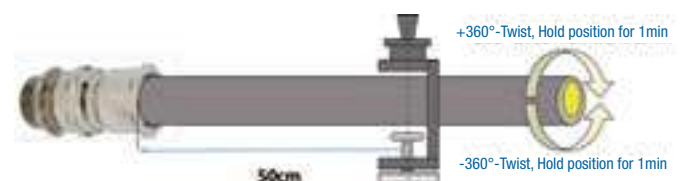
This method allows an intermediate loosening of the seal. As a result, an intensified fixation of the cap nut is made possible.



### Cable glands WADI-BN TYPE 3 - 6BIS and ACM standard

*Test instructions: Twist protection according to NF F 61-030*

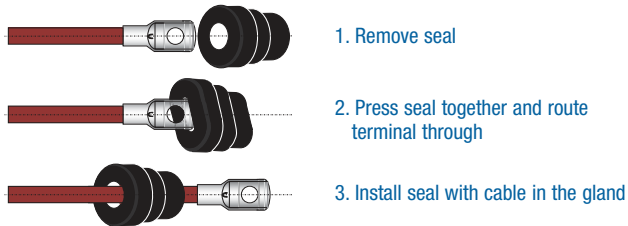
1. Block the wire with help of a bench vice by maintaining a distance of approx. 50cm to the cable gland.
2. Twist the wire 360° and hold it in this position for one minute. It now must not be twisted in front of the opening of the cable gland.
3. Return wire to starting position and loosen the twist (0°).
4. Twist the wire 360° in the opposite direction and hold it in this position for one minute. Also now it must not be twisted in front of the opening of the cable gland.
5. Return wire to starting position and loosen the twist (0°).



### 3. Functional descriptions

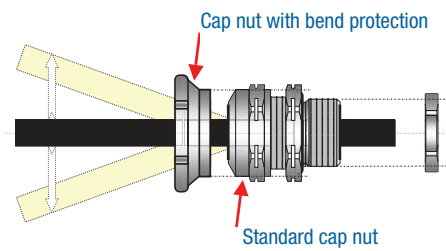
#### Cable gland WADI-BN TYPE 1 for terminals

##### Installation instructions



#### Cable glands WADI-BN TYPE 1 - 6BIS IP68 in dynamic conditions

The cable gland retains IP68 when the cable is exposed to movements.



#### Cable gland EMC SCHLEMMER-TEC PROFI

##### Installation instructions

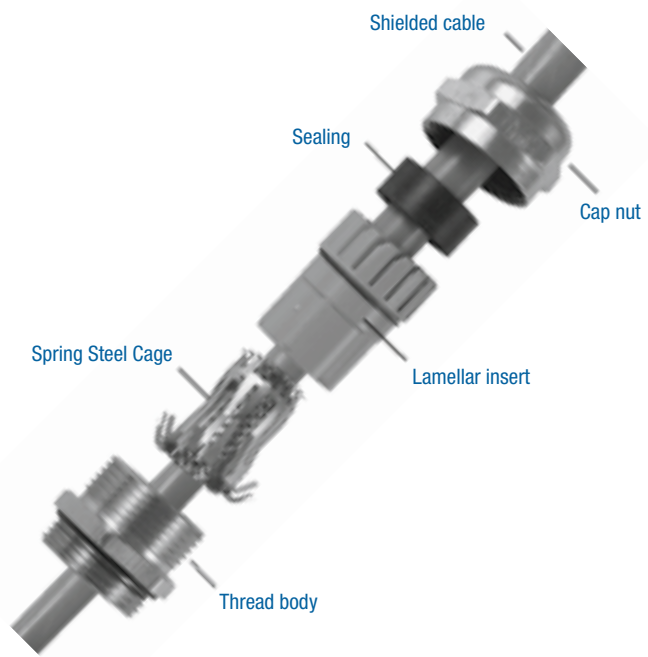
By tightening the cap nut the seal exerts pressure on the contact cage inside the clamping element. Thereby the contact ties are gently pressed towards the inside against the cable braiding.

The patented 360° connection does not damage the braided shielding of power cables and thus guarantees maximum EMC protection.

1. Strip cable approx. 10-15mm (according to cable gland size)



2. Attach cable gland to cable



3. Screw cap nut tight

