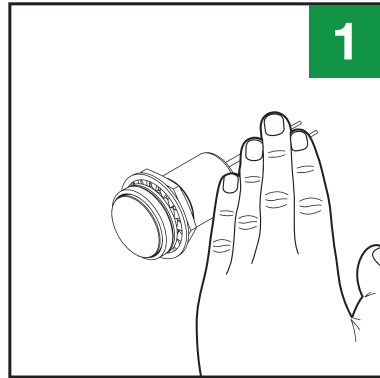
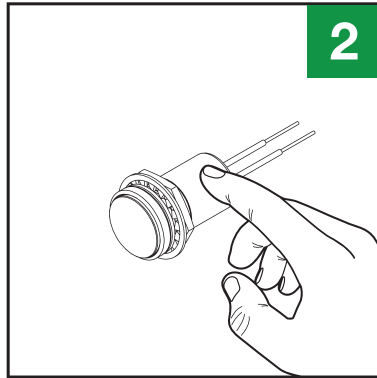


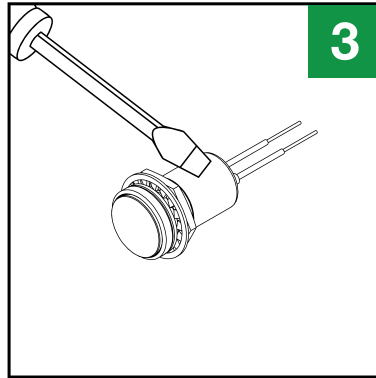
## Solids



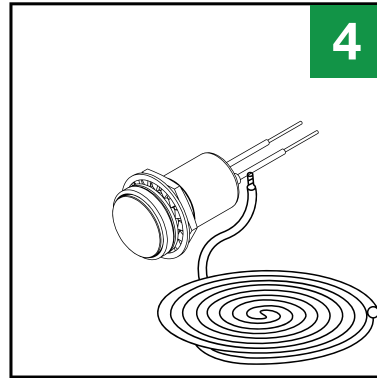
Protected against a solid objects greater than 50 mm, such as the back of a hand.



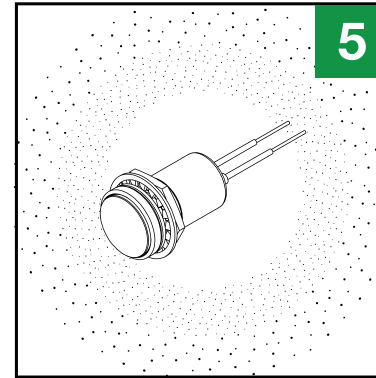
Protected against a solid objects greater than 12.5 mm, such as a finger.



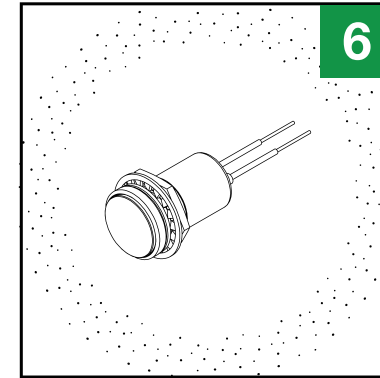
Protected against a solid objects greater than 2.5 mm, such as a screwdriver.



Protected against a solid objects greater than 1 mm, such as a wire

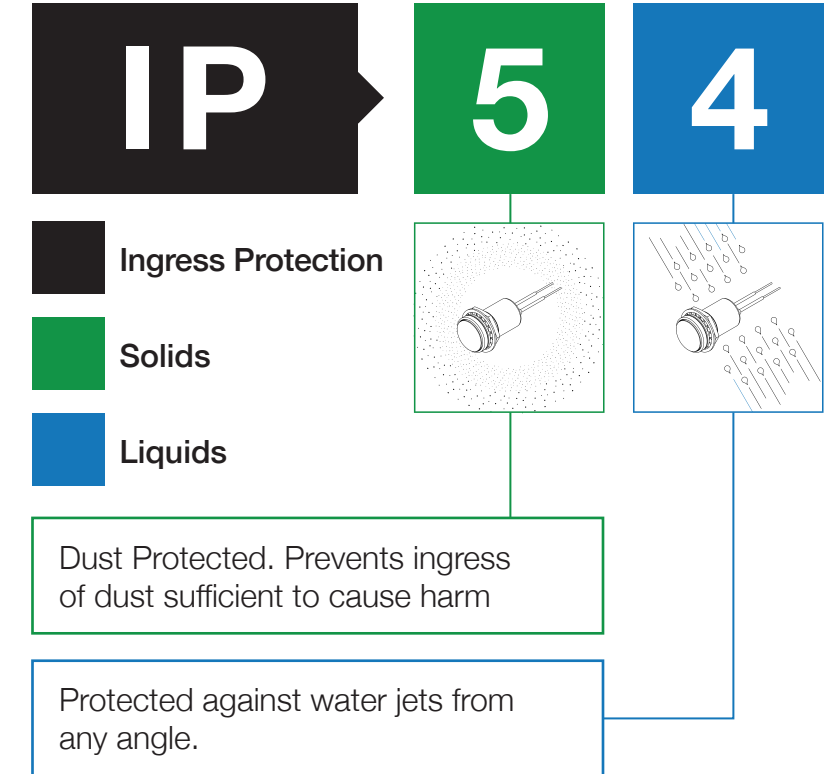


Dust protected. Prevents ingress of dust sufficient to cause harm

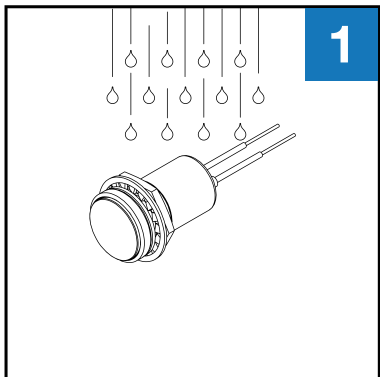


Dust tight. No ingress of dust.

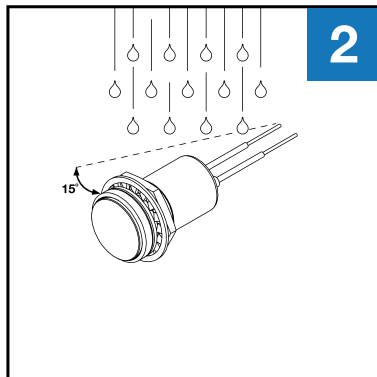
## IP Codification Example



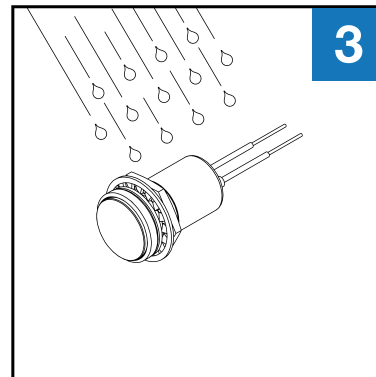
## Liquids



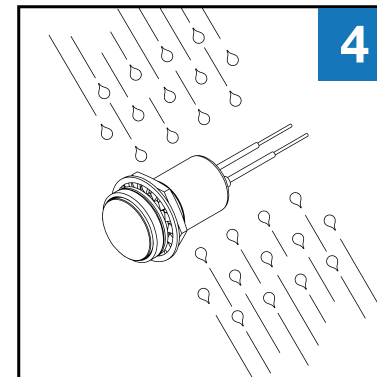
Protected against water drops.



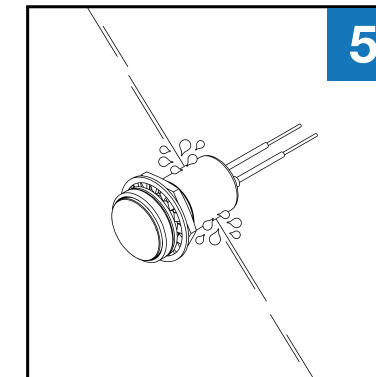
Protected against water drops at a 15° angle



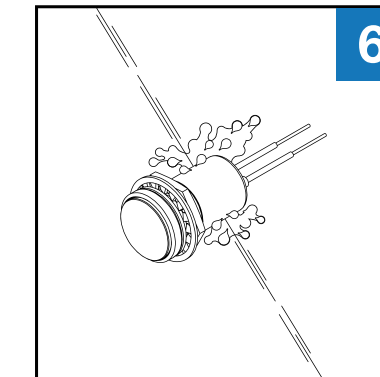
Protected against water spray at any angle up to 60° from the vertical.



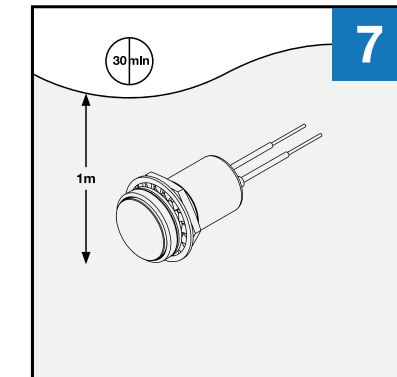
Protected against water splashing from any angle



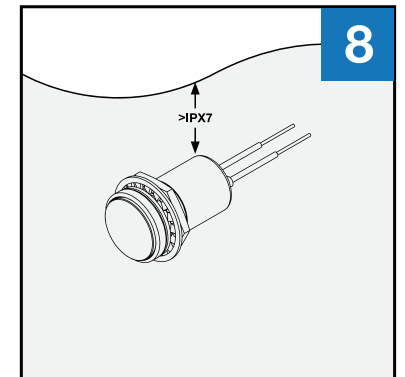
Protected against water jets from any angle.



Protected against powerful water jets and heavy seas



Protected against the effects of temporary submersion in water (30 min at 1 meter)



Protected against the effects of permanent submersion in water. (Up to 3.9 meter)