

The IP code indicates the level of protection that a device, such as an electronic switch, receives from its housing.

First identification number: Degree of protection (protection against foreign particles)		Second identification number: Degree of protection (water protection)			
1		Protection against ingress of solid foreign particles with a diameter larger than 50 mm, no access with the back of the hand	1		Protection against vertically falling drops of water
2		Protection against ingress of solid foreign particles with a diameter larger than 12 mm, no access with fingers	2		Protection against dripping water falling at an angle of up to 15°
3		Protection against ingress of solid foreign particles with a diameter larger than 2,5 mm, e.g. tools	3		Protection against spray water falling at an angle of up to 60°
4		Protection against ingress of solid foreign particles with a diameter larger than 1 mm, e.g. wires	4		Protection against water splashing on all sides / spraying water
5		Protection against the penetration of dust in harmful quantities (dust protection)	5		Protection against a water stream, acting from any angle
6		Protection against any dust penetration (dust-proof)	6		Protection against a strong water stream, acting from any angle
			7		Protection against water during temporary submersion (up to 30 minutes, 1 m depth)
			8		Protection against water during sustained submersion

Example:

Proximity switch GN 896.1 → Page 584

Protection class: IP 67

