

# Technical information

## Protection degrees

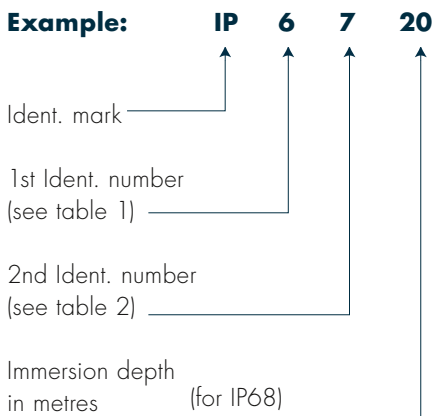


Table 1

First ident. No.	Protection level (contact and foreign matters)
0	No special protection
1	Protection against penetration of solid foreign matters, diameter > 50 mm, no protection against intentional contact e.g. by hand, body contact, however, is prevented.
2	Protection against penetration of solid foreign matters with outside diameter of more than 12 mm, finger contact or similar is prevented.
3	Protection against penetration of solid foreign matters with outside diameter of more than 2.5 mm. Prevents insertion of tools, wires or similar matters larger than 2.5 mm.
4	Protection against penetration of solid foreign matters with outside diameter of more than 1 mm. Prevents insertion of tools, wires or similar matters larger than 1 mm.
5	Protection against damaging dust accumulation. The penetration of dust is not totally prevented but is not permitted to penetrate to such a degree that the effectiveness of the equipment is affected. Complete contact protection.
6	Protection against penetration of dust. Complete contact protection.

Table 2

Second ident. No.	Protection level (water)
0	No special protection
1	Protection against vertical falling drip water, shall have no harmful effect.
2	Protection against vertical falling drip water; when fixture is shifted up to 15° from its normal operating condition there shall be no harmful effect (flanking drip water).
3	Protection against spray water falling at any angle up to 60° against perpendicular. It shall have no harmful effect (spray water).
4	Protection against water splashed against the fixture from any direction, shall have no harmful effect (splash water).
5	Protection against water projected by a nozzle against the fixture from any direction, shall have no harmful effect (hosed water).
6	Protection against green water or strong jet stream, water must not enter the fixture in harmful quantities (overflowing).
7	Protection against water when fixture is submerged under defined conditions of time pressure. Water shall not enter fixture in harmful quantities (submerging).
8	The equipment is suitable for continuous submersion in water under conditions specified by the manufacturer.