Solid Protection

1 — Protected against a solid object greater than **50mm**, such as a hand

2 — Protected against a solid object greater than **12.5mm**, such as a finger

3 — Protected against a solid object greater than **2.5mm**, such as a screwdriver

4 — Protected against a solid object greater than **1.0mm**, such as a wire

5 — Protected against dust with **limited ingress** of dust permitted

6 — Fully Protected against dust with **zero ingress** of dust permitted

Liquid Protection

1 — Protected against vertically **falling drops** of water with limited ingress permitted

2 — Protected against vertically falling drops of water **offset 15°** with limited ingress permitted

3 — Protected against sprays of water **offset 60°** with limited ingress permitted

4 — Protected against water splashed from **all directions** with limited ingress permitted

5 — Protected against **weak jets** of water with very limited ingress permitted

6 — Protected against **strong jets** of water with very limited ingress permitted

7 — Protected against the effects of immersion at **low pressure** between 15cm and 1m

8 — Protected against the effects of immersion at **high pressure** for long periods of time

IP 6 5

Ingress Protection