

## IPX Standard Code Meanings

### IPX-0

No special protection

### IPX-1

Protected against falling water Equivalent to 3-5mm rainfall per minute for a duration of 10 minutes. Unit is placed in its normal operating position.

### IPX-2

Protected against falling water when tilted up to 15 degrees - Same as

IPX-1 but unit is tested in 4 fixed positions - tilted 15 degrees in each direction from normal operating position.

### IPX-3

Protected against spraying water - Water spraying up to 60 degrees from vertical at 10 liters/min at a pressure of 80-100kN/m<sup>2</sup> for 5 min.

### IPX-4

Protected against splashing water - Same as IPX-3 but water is sprayed at all angles.

### IPX-5

Protected against water jets - Water projected at all angles through a 6.3mm nozzle at a flow rate of 12.5 liters/min at a pressure of 30kN/m<sup>2</sup> for 3 minutes from a distance of 3 meters.

### IPX-6

Protected against heavy seas - Water projected at all angles through a 12.5mm nozzle at a flow rate of 100 liters/min at a pressure of 100kN/m<sup>2</sup> for 3 minutes from a distance of 3 meters.

### IPX-7

Protected against water immersion - Immersion for 30 minutes at a depth of 1 meter.

### IPX-8

Protected against water submersion - The equipment is suitable for continual submersion in water under conditions which are identified by the manufacturer.