

## **IP RATINGS**

*\*IP is an abbreviation for 'Ingress Protection'. IP ratings are issued following a stringent testing procedure and protection against ingress is measured from digits to dust and water.*

*IP Ratings are graded using the following tables.*

### **1st Number: Protection against solid bodies**

<b>IP Rating</b>	<b>Protection</b>
0	No Protection
1	Protected against solid bodies larger than 50 mm
2	Protected against solid bodies larger than 12.5 mm
3	Protected against solid bodies larger than 2.5 mm
4	Protected against solid bodies larger than 1 mm
5	Protected against dust (no harmful deposit)
6	Completely protected against dust.

### **2nd Number: Protection against liquids**

<b>IP Rating</b>	<b>Protection</b>
0	No Protection
1	Protected against vertically falling drops of water (condensation)
2	Protected against drops of water falling 15° from the vertical
3	Protected against drops of rainwater at up to 60° from the vertical
4	Protected against projections of water from all directions
5	Protected against jets of water from all directions
6	Protected against jets of water from all directions. Watertight equipment: protection against conditions on ship's decks etc.
7	Protected against the effects of temporary immersion in water
8	Protected against effects of prolonged immersion in water having regard to specific conditions.