

**DEGREE OF PROTECTION - IP RATING**

<b>1st Numeral Digit</b>		<b>2nd Numeral Digit</b>	
<b>Protection against contact + penetration of solid bodies</b>		<b>Protection against penetration of liquids</b>	
<b>1</b>	Protection against solid objects more than 50mm	<b>1</b>	Protection against vertically falling drops of water
<b>2</b>	Protection against solid objects more than 12mm	<b>2</b>	Protection against solid drops of water falling up to 15°
<b>3</b>	Protection against solid objects more than 2.5mm	<b>3</b>	Protection against rain at up to 60° from the vertical
<b>4</b>	Protection against solid objects more than 1.0mm	<b>4</b>	Protection against projections of water from all directions
<b>5</b>	Protection against dust (limited ingress)	<b>5</b>	Protection against jets of water from all directions
<b>6</b>	Protection against dust (total protection)	<b>6</b>	Protection against heavy seas
		<b>7</b>	Protection against the effects of immersion
		<b>8</b>	Protection against continuous immersion