

DIAL THERMOMETERS - WEATHERPROOF THERMOMETERS - SPECIFICATION AND APPLICATION

Materials used -

The components used by Brannan to build this range of dial thermometers are manufactured from stainless steel.

Weatherproof protection -

In general, Brannan weatherproof dial thermometers are manufactured to an IP rating of 54, however IP67 is available upon request.

What is an IP rating? -

- IP rating is also known as Ingress Protection or International Protection as defined by BS EN 60529. This standard is used to define the levels of sealing effectiveness of enclosures against the intrusion from foreign bodies such as tools, dust, dirt, moisture etc
- The rating consists of the letters IP followed by two digits, the greater the number the better the protection. If a number is replaced by X, this indicates that the enclosure is not rated for that specification
- IP54 – the first digit indicates the level of protection that the enclosure provides against the ingress of solid foreign objects
- IP67 – the second digit indicates the level of protection of the equipment inside the enclosure against various forms of moisture including submersion

<u>IP rating</u>	<u>First digit - SOLIDS (I)</u>	<u>Second digit - LIQUIDS (P)</u>
IP54	Protected against dust limited ingress, no harmful deposits.	Protected against water splashed from all directions, limited ingress permitted for a period of 10 minutes.
IP67	Totally protected against dust.	Protected from immersion between 15 centimeters and 1 meter in depth for a period of 30 minutes.

Applications -

In general, the weatherproof range of dial thermometers are specified for use outdoors, however, they can also be used indoors on high moisture applications, for example; heated wash systems, safety showers etc.

