INGRESS PROTECTION

SOLIDS — **IP[xx]** — **WATER**

Protected against access from object greater than:		Protected against access from water in the form of:	
1	**50mm Ø**	**1**	Vertically falling water drops
2	**12mm Ø**	**2**	Vertically falling water drops; enclosure tilted up to 15°
3	**2.5mm Ø**	**3**	Spraying water at an angle up to 60° from vertical
4	**1.0mm Ø**	**4**	Splashing water at any angle
5	**2-8 hours** Dust protected. Limited ingress of dust permitted	**5**	Water jets against the enclosure at any angle
6	**2-8 hours** Dust tight. No ingress of dust	**6**	Powerful water jets against the enclosure at any angle
		7	Temporary immersion in water (1m)
		8	Continuous immersion in water (Xm)

Note: water protection rating 7 and 8 are required **IN ADDITION** to 6 and below.

IP54 = Dust protected and can be subjected to splashing water

IP66/67 = Dust tight and can be subjected to both powerful water jets and temporary water immersion

TESTING AND CERTIFICATION

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- ✓ IEC 60529
- ✓ NATA test report
- ✓ Quick turn around
- ✓ Ex equipment
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