

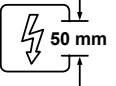

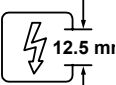

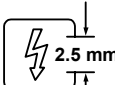
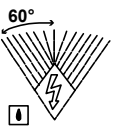
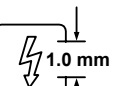

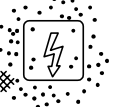
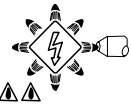


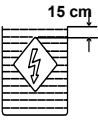
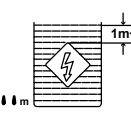


## Understanding IP Ratings

IP stands for Ingress Protection. IP Ratings are composed of two digits. The first digit designates protection from solid or foreign objects, including dust. The second digit designates protection against ingress of moisture. The higher the rating, the greater the protection. For example, the Honeywell HEV28R has an IP Rating of IP66. This means that the HEV28R is dust tight and protected against the effects of powerful jetting.

IP 6 7		Protection against solid or foreign objects	Protection against liquids and moisture		
0		No protection	0		No protection
1		Protection against objects larger than or equal to 50 mm in diameter	1		Protection against vertically dripping water
2		Protection against objects larger than or equal to 12.5 mm in diameter	2		Protection against dripping when housing is 15 degrees tilted
3		Protection against objects larger than or equal to 2.5 mm in diameter	3		Protection against spraying (water sprayed at 60 degrees on either vertical side of housing)
4		Protection against objects larger than or equal to 1.0 mm in diameter	4		Protection against splashing (water splashing on enclosure from any direction)
5		Protection against dust (dust allowed but it should not interfere with satisfactory operation of product)	5		Protection against jetting (any direction)
6		Protection against dust tight (no dust allowance inside enclosure)	6		Protection against powerful jetting (any direction)
			7		Protection against temporary immersion (30 minutes under 1 m of water)
			8		Protection against continuous immersion (based on agreement between manufacturer and user)