



## Waterflow Alarm Switch

### VSR-EU

#### Technical Features

- **Service pressure** : Up to 31 bar (450 psi)  
(16 bar (232 psi) per LPCB, VdS and CE)
- **Flow Sensitivity** :  
15-38 lpm (4-10 gpm) - UL  
30-57 lpm (8-15 gpm) - CE
- **Maximum Surge** : 5.5 m/s, 18 ft/s
- **Switch Contacts** : Two sets of Single Pole Double Throw (SPDT) Form C switch contacts.  
10.0 A @ 125/250 VAC and 2.0 A @ 30 VDC on resistive load.
- **Enclosure** :  
Cover - Die cast with textured red powdercoat finish  
Housing - Cast aluminium
- **Conduit Entrance** : Requires NEMA Type 4 conduit hub for outdoor installations. Two conduit entrances provided for DN15/ 1/2".
- **Environmental Specifications** : Indoor or outdoor use:  
Temperature Range : 4.5°C (40°F) to 49°C (120°F);  
NEMA 4/IP54 Rated Enclosure - when used with proper conduit fittings. (Not for use in hazardous locations)
- **Tamper Protection** : Cover held in place by two tamper resistant screws which require a special key for removal (reference : VSRFKEY). A field installable cover tamper switch is available as an option which may be used to indicate unauthorized removal of the cover.



#### Retard Adjustment :

The delay can be adjusted by rotating the retard adjustment knob from 0 to the maximum setting. The time delay should be set at the minimum required to prevent false alarms.

Note: A condition of CE approval of this product requires that it has a maximum retard of 30 seconds.

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#### Physical Data

Reference	Pipe Size		Installation Hole Size (mm/inch)
	Nominal (metric/inch)	O.D. (mm)	
VSR0200CE	DN50 / 2	60.3	33.0 ± 2 / 1.25 ± .125 / -.062
VSR0250CE	DN65 / 2-1/2	73.0	33.0 ± 2 / 1.25 ± .125 / -.062
VSR0250CE	DN65 / 2-1/2	76.1	33.0 ± 2 / 1.25 ± .125 / -.062
VSR0300CE	DN80 / 3	88.9	50.8 ± 2 / 2.00 ± .125
VSR0400CE	DN100 / 4	114.3	50.8 ± 2 / 2.00 ± .125
VSR0500CE	DN125 / 5	141.3	50.8 ± 2 / 2.00 ± .125
VSR0600CE	DN150 / 6	165.1	50.8 ± 2 / 2.00 ± .125
VSR0600CE	DN150 / 6	168.3	50.8 ± 2 / 2.00 ± .125
VSR0800CE	DN200 / 8	219.1	50.8 ± 2 / 2.00 ± .125

Other sizes and longer retard times are available on models without CE approval. Contact Viking for further details.

