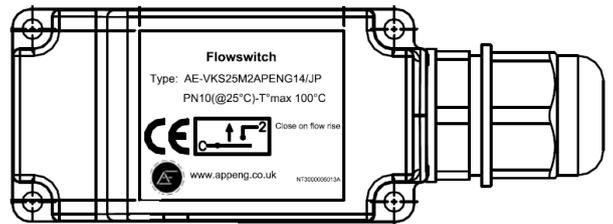


## FLOW SWITCH AE-VKS RANGE

**For use in residential and domestic sprinkler systems according to BS9251:2014**

1. PPO Plastic flow switch, paddle type with Brass coupling
2. Easy Installation:
  - Insert the Flow Switch
  - Tighten the union nut
3. Low pressure drop
4. Rugged PPO engineering thermoplastic enclosure ensures highest strength & performance
5. Long Term stable set point, reset of paddle by magnetic force
6. Supplied with M12\*1.5 cable gland attached, easier to wire than DIN 43650A and comes pre-assembled
7. Normally Open, closes by flow rise



Technical Data	
Pressure Rating	PN10 (PN25 option)
Medium Temperature	100°C Max
Ambient Temperature	80°C Max
Protection Class	IP64
Switching Current	Max 1 A
Switching voltage	Max 250 VAC
Switching Capacity	Max 70 W
Materials	
Nut	Brass
Body	PPO
Gasket	NBR
Paddle	Polypropylene

Setpoint (recommended mounting in horizontal pipes)	25 l/min
Setpoint tolerance	+/-15%
Max Flow rate	210 l/min

Order Codes	AE-VKS25M2APENG14/JP	1"
	AE-VKS40M2APENG17/JP	1 ¼"
	AE-VKS40M2APENG18/JP	1 ½"
	AE-VKS50M0APENG19/JP	2"
Switching	Contact closes at increasing flow	
Approvals	CE	

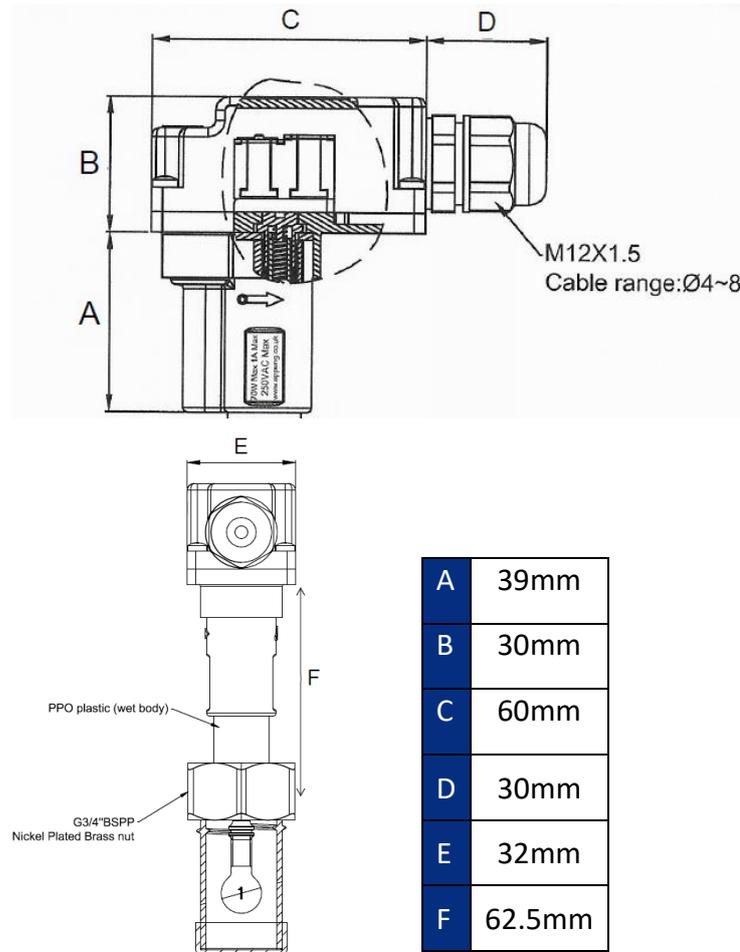
## FLOW SWITCH AE-VKS INSTALLATION GUIDE

**Use:** General application in residential flow system detection. Recommended mounting position is on a horizontal pipe, but can be mounted in a vertical position. For use in Applications Engineering valve sets of sizes 1", 1 ¼", 1 ½" and 2".

**Function:** Balanced mechanical paddle mounted perpendicular to the flow switch and activating a reed switch through the wall. The return of the paddle is by magnetic activation, without a spring.

**Installation:** Screw the union nut onto ¾" male thread, recommended torque: 10±1 Nm, ensure that the arrow on housing is in the correct orientation and is parallel to the flow arrow on the valve set.

**Wiring:** Screw terminals are a volt free contact that are not polarity sensitive. Insert cable through cable gland and tighten into screw terminals on the body of the switch, ensure they are tightened securely. Screw connection box onto body of the switch and tighten the cable gland.



Technical Data	
Setpoint:	25 l/min +/- 15
Switching function	Contact to close at increasing flow
Mounting Position	Horizontal or Vertical Pipe
Protection Class	IP64

