KA-1 Level Float Switch



Flexible by Design

The KA-1 Level Float Switch is a single point level sensor that switches ON or OFF at one level. They work well as alarm point indicators. The strong pvc covered cable, high chemical compatibility and durable components are built to outlast any other. Kari float switches utilize high performance miniature switches.

Features

- Mercury and Lead free
- Highly chemical resistant
- Proven reliability in operation
- Cost effective

KA-1 Specifications







Performance

Switching Differential:

Min: 10 in. - Max: 50 in.

(<10 in. or >50 in. consult factory)

Maximum Pressure: 28 psi (2 bar)



Cable: Up to 4 wires



Environmental

Max. Liquid Temperature: 140°F (>140°F consult factory)

Protection Rating:

IP67 NEMA 6



Certification

CSA General Purpose

CE

B Electrical

Maximum Voltage: 250 VAC or DC

Maximum AC Current (Resistive): 6 A

Maximum AC Current (Inductive): 3 A

Maximum DC Power: 75 VA (0.3 A @ 250 V)



Physical

Minimum Fluid Specific Gravity: 0.7 for Standard float

0.95 for Mini float

· Standard Cable Lengths:

5m (16 ft)

15m (49 ft)304 SS or 316L SS

Weight: 0.75 lbs

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Options

□ M1C

Part Number: KA - __

A. Model and Function

□ 1L	Low Alarm
□ 1H	High Alarm
□ 1C	High/Low Alarm
□ 1LE	Dual Low Alarm
□ 1HE	Dual High Alarm
□ M1L	Low Alarm (Mini)
□ M1H	High Alarm (Mini)

High/Low Alarm (Mini)

B. High Temperature Option

□ (Null) Standard 140°F (60°C)

High Temperature 180°F (80°C) \Box K

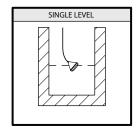
C. Cable Option

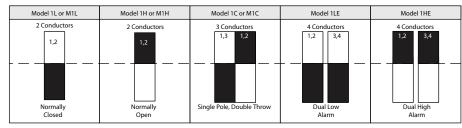
□ (Null)	PVC
□ R	Ployeurethane
□ A	ATON® rubber
□ T	Teflon® (PTFE)
□ N	TPU

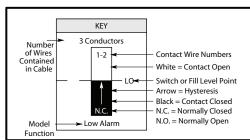
D. Cable Length

□ (Null) 16 ft. (5 m) cable standard □ **L**_ (specify in meters)

Model Selection Table







KA-1 Accessories

Please order separately, by part number.

Description	Part Number
Kari A weight - PVC covered 3/4lb (400g)	22039
Kari B weight - PVC covered 1 1/2lb (800g)	22040
Kari C weight - PVC covered 2 1/4lb (1Kg)	22042
Hanging clamps, polypropylene	22041
Wedge polypropylene	22840-0025

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Manufacturer of thermocouples & RTD's Made in the USA

sales@whcooke.com

717-630-2222

KA Series Multi-Level Float Switch

Up to Four Switch Points in One Float



The KA float switches' revolutionary design incorporates up to four switch points in a single float. This means that a lift station with four float switches can replace them all with just one KA float.

Stop dealing with tangled cables, and frequent replacements. The KA float switches do more with less, and last longer than any other float on the market.

Give us a call at (888) 525-7300 to learn more.

One Float Switch - Four Switch Points

- Up to four switches in one float
- No more tangled cables
- Easier installation and maintenance

Intrinsically Safe

- KA float switches are simple devices
- Just add an intrinsically safe barrier

Longest Lasting

- High chemical compatibility
- Extremely durable build

Built-in Hysteresis

- Mechanical hysteresis avoids "chatter"
- Simplify panel design
- Can work independent of any control system
- Perfect for back-up pump control

Multiple Configurations

- We have a model that fits your panel design
- 1-4 switch points to meet your application needs
- Normally open, normally closed, and hysteresis options

No Lead, No Mercury

Both the switch and the weight are lead and mercury free



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