ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

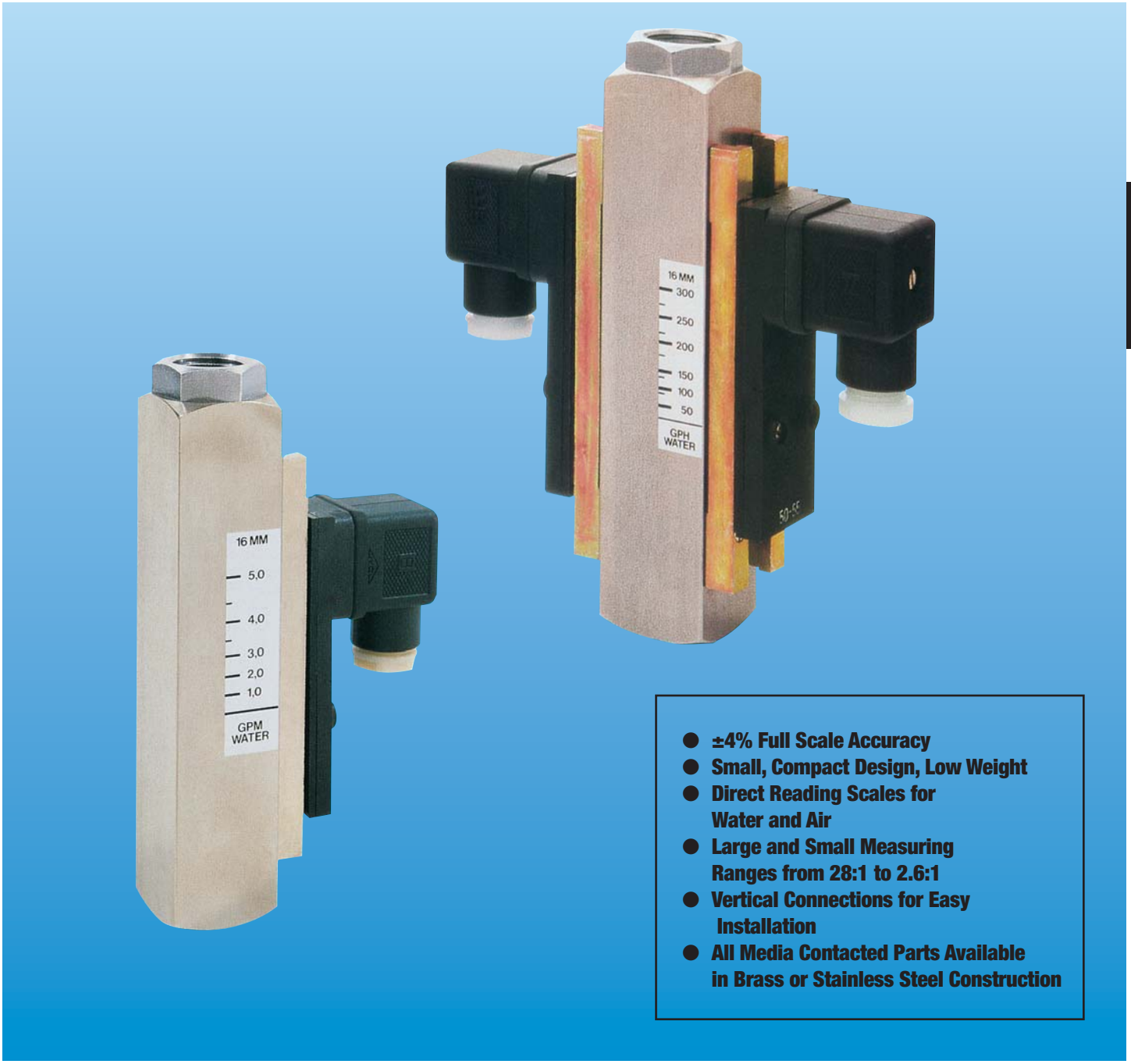
Expert team | Trust guarantee | 100% satisfaction

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Find the *Kobold Instruments S-3102B* at our website: *Click HERE*

S
FLOAT TYPE FLOW SWITCH

Flow
Pressure
Level
Temperature
measurement
monitoring
control



- **±4% Full Scale Accuracy**
- **Small, Compact Design, Low Weight**
- **Direct Reading Scales for Water and Air**
- **Large and Small Measuring Ranges from 28:1 to 2.6:1**
- **Vertical Connections for Easy Installation**
- **All Media Contacted Parts Available in Brass or Stainless Steel Construction**

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Visit KOBOLD Online at
www.kobold.com

Model:
S

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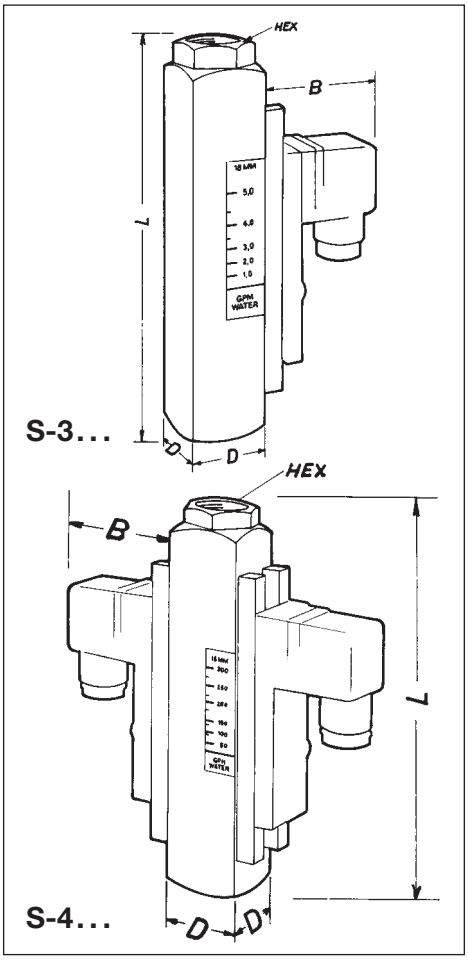
Order Number for Standard Types

Range water GPM	Stand. conn. NPT	Press. drop max. PSI	Float Material Brass	Float Material SS	Flow switch 1 N/O contact water, stand.-conn. Brass	Flow switch 1 N/O contact water, stand.-conn. SS	Flow Switch 2 N/O contact water, stand.-conn. Brass	Flow Switch 2 N/O contact water, stand.-conn. SS
0.075– 0.25	1/4″	0.29	PP	PVDF	S-3101	S-3201	S-4101	S-4201
0.1 – 0.6	1/4″	0.29	PP	PVDF	S-3102	S-3202	S-4102	S-4205
0.3 – 2.3	1/4″	1.60	Brass	St. St.	S-3108	S-3208	S-4108	S-4208
0.75 – 4.0	1/4″	2.90	Brass	St. St.	S-3115	S-3215	S-4115	S-4215
1.0 – 5.0	1/4″	8.70	Brass	St. St.	S-3120	S-3220	S-4120	S-4220
0.6 –12	3/4″	3.22	Brass	St. St.	S-3150	S-3250	S-4150	S-4250
1 –14	3/4″	5.80	Brass	St. St.	S-3170	S-3270	S-4170	S-4270

Options
(add suffix to Order Number)

Range air SCFM **Suffix "L"**	Special conn. NPT **Suffix "B"**	Special contact **Suffix "U"**
0.2– 1.1	1/2″	
0.3– 2.5	1/2″	
1.2– 8	1/2″	SPDT-
2 –15	1/2″	contact
3 –20	1/2″	
2.5–50	–	
3 –70	–	

KOBOLD S- flow switches work on the well known variable area principle but without the use of the open conical measuring tube. Instead, the instruments use a cylindrical control tube with a conical groove along its axis. This makes for a very compact design. The flow switch can be used for continuous control of fluids and gases to insure that excess or low flow cannot result in damage to equipment. Applications can be found wherever it is necessary to control flow reliably.



Specifications

Accuracy: ±4% of full scale
Flow Media: liquids and gases
Mounting: vertical media flow bottom to top
Measuring Principle: with float and cylindrical control tube
Mode of operation: dependent on flow, not pressure
Maximum Temperature: 240°F, with PP or PVDF float: 160°F
Maximum Pressure: 3600 PSIG for Brass units, 5000 PSIG for SS units, 230 PSIG with PP or PVDF Floats

Wetted Parts
Housing: Brass or 304 SS
Slotted Nozzle: Brass or 304 SS
Float: Brass, 304 SS Polypropylene or PVDF
Seals: Buna-N for Brass units, Viton for SS units
Electr. Switch Housing: Plastic
Mode of Electr. Protection: NEMA 4
Reed Contact: standard N/O max. 50VA, special SPDT max. 30VA UL, CSA approved

FLOAT TYPE FLOW SWITCH 1 N/O CONTACT

Order Number (Brass)	Order Number (SS)	Dimensions HEX	D	L Standard	L Suffix "B"	B	Weight approx lbs
S 3101	S 3201	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.20
S 3102	S 3202	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.20
S 3108	S 3208	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.20
S 3115	S 3215	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.20
S 3120	S 3220	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.20
S 3150	S 3250	–	1.57″×1.57″	6.14″	n/a	2.09″	3.75
S 3170	S 3270	–	1.57″×1.57″	6.14″	n/a	2.09″	3.75

FLOAT TYPE FLOW SWITCH WITH 2 N/O CONTACTS

Order Number (Brass)	Order Number (SS)	Dimensions HEX	D	L Standard	L Suffix "B"	B	Weight lbs
S 4101	S 4201	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.76
S 4102	S 4202	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.76
S 4108	S 4208	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.76
S 4115	S 4215	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.76
S 4120	S 4220	1.06″	1.18″×1.18″	5.20″	5.35″	2.09″	2.76
S 4150	S 4250	–	1.57″×1.57″	6.14″	n/a	2.09″	4.30
S 4170	S 4270	–	1.57″×1.57″	6.14″	n/a	2.09″	4.30

Subject to change without prior notice.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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