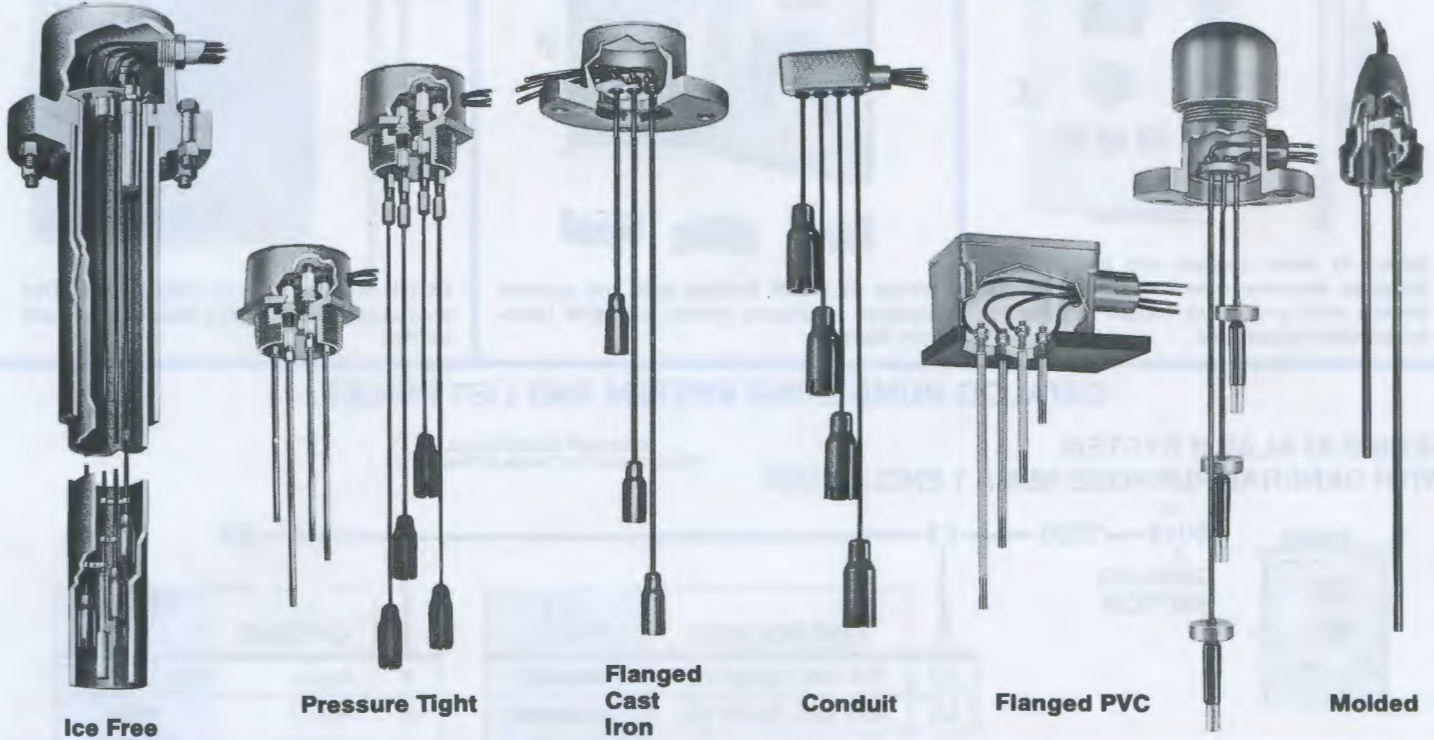


### 6012 AND 6013 BIW LEVEL SENSING ELECTRODE EQUIPMENT

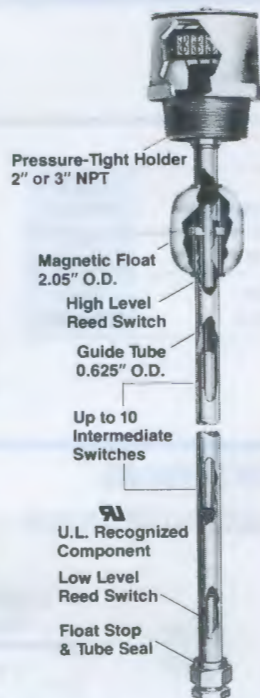
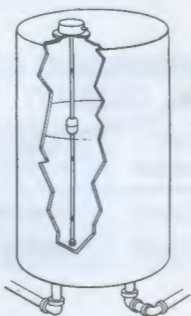
#### CAST ELECTRODE HOLDERS

#### PLASTIC ELECTRODE HOLDERS



### 7014 UNIFLOAT®

- Switches continue to operate even during power failure
- Simple level adjustment without disturbing tank connection.
- Single float for up to 12 sensing levels
- Ideal in non-conductive liquids such as gasoline, fuel oil and chemicals
- UL Recognized
- Encapsulated reed switches provide dry contact for direct interface to programmable controllers
- 2 in. or 3 in. Pressure-tight holder



U.S. Patent No. 4,056,979

### MOISTURE SENSOR



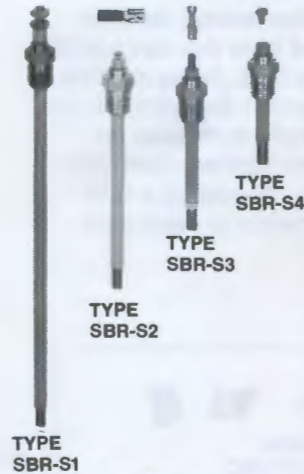
The moisture sensor is a compact, low cost device which can be easily attached with two screws or with the adhesive provided. When moisture bridges adjacent printed circuit paths on the surface of the sensor, the Series 41 Alarm System will provide an audio-visual indication and isolated SPDT contacts for auxiliary control.

The BIW moisture sensor is ideal to detect water under computer room floors, in communication vaults, in archives, in below grade ductwork, on floors in basements, storage areas or equipment rooms.

BIW system of low voltage low current sensing permits use of inexpensive field wiring between sensor and alarm.

See Catalog Section 6013 for detailed information.

### SMALL BUSHING AND ROD ASSEMBLIES



BIW offers a variety of these small electrode assemblies to meet special OEM situations for single electrodes. The bushing has a 1/4" NPT pipe thread for pressure-tight mounting and is available in either cadmium plated steel or 316 S.S. The electrode rod is 1/4" O.D. and must be insulated for at least 1" below the bushing. The available PVC or teflon insulated rod materials are listed on page 2. There is a choice of four methods to connect the electrode lead wire.

CATALOG NUMBER  
6013 — SBR — S1 — S

| TYPE OF WIRE CONNECTION |                 |
|-------------------------|-----------------|
| S1                      | Double Nut      |
| S2                      | Push-On Spade   |
| S3                      | Push-On Bayonet |
| S4                      | 6-32 Screw      |

CONTACT FACTORY  
FOR PRICING  
Minimum Order  
25 pieces

For quotation advise —  
type of wire connection —  
bushing material — material  
and length of insulated  
rod.

### CONCENTRIC ELECTRODE ASSEMBLIES

These assemblies are primarily for OEM applications requiring two short electrodes and where space is limited to install them. While developed for carbonator level control, they are suitable for any small tank for use up to 150 psi and 170°F (77°C). The mounting bushing is made of 316 S.S. with 1/2"-20 machine thread, and a nylon gasket is provided. The snap-on cord set has three conductor type SJT cord which provides ground connection to the mounting bushing, as well as the two electrode leads.



For a quotation advise BIW  
the length of both electrodes,  
the length of the cord set and  
the type of termination for the  
wire leads.

CATALOG NUMBER  
6013 — CEA — S  
Contact Factory  
For Pricing  
Minimum Order  
25 pieces

### SPACERS FOR INSULATED ELECTRODE RODS



BIW rod spacers are used to stiffen long electrode rod assemblies in those situations where movement of the liquid would tend to deflect the rods. They must never be attached to bare electrode rods because liquid on the surface of the spacer could short between electrodes preventing proper operation of the BIW control relays.

The PVC spacers include heat shrinkable PVC sleeves for attaching them to PVC insulated rods. The teflon spacers have heat shrinkable teflon sleeves to secure them to teflon insulated rods.

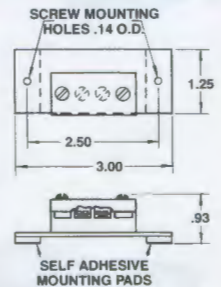
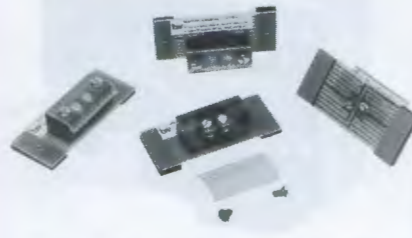
DISCOUNT SCHEDULE LL1  
Prices Subject to Change Without Notice

CATALOG NUMBER  
6013 — RS2 — P

| SPACER DESCRIPTION | Number Of Rods | For Use With Holder Type | LIST PRICE        |
|--------------------|----------------|--------------------------|-------------------|
|                    |                |                          |                   |
| RS1                | 2              | E-2                      | <del>415.00</del> |
| RS2                | 3              | E-3                      | <del>407.00</del> |
| RS3                | 4 to 7         | E-4 to E-7               | <del>407.00</del> |
| RS4                | 2              | KF-1                     | <del>407.00</del> |
| RS5                | 2 to 4         | KF-2 or KF-2JB           | <del>407.00</del> |
| RS6                | 2 to 7         | KF-3 or KF-4             | <del>407.00</del> |
| RS7                | 2 to 5         | FR-56                    | <del>60.00</del>  |

NOTE  
Contact factory for pricing on  
special assemblies consisting  
of electrode holders with insu-  
lated electrode rods and spacers  
attached.

### MOISTURE SENSOR



The Type MSA moisture sensor is a compact low cost device used to detect water leakage into areas such as computer room subfloors, communication vaults, below grade ductwork, or floors in basements, storage areas or equipment rooms. It is easily attached to a floor or wall surface by the self adhesive strips or the mounting screws provided.

While designed as a sensor for the Series 41 Alarm Panel described in Catalog Section 8041, they can also be used to operate any of the BIW control relays. The relay or alarm is actuated when moisture bridges adjacent printed circuit paths on the underside of the sensor.

CATALOG NUMBER  
6013-MSA-1  
Old Part No. 13-074400

| LIST PRICE        |
|-------------------|
| <del>407.00</del> |