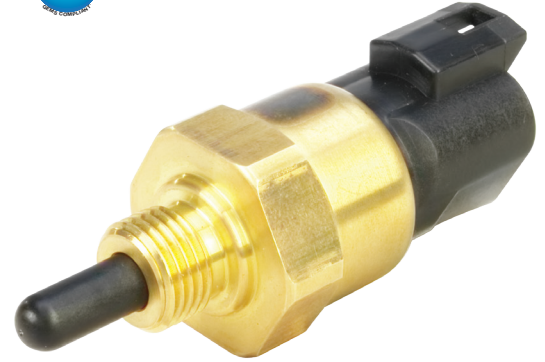
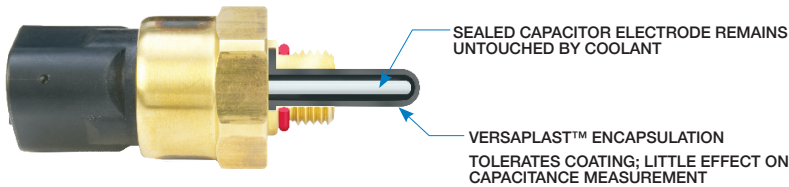


# CAP-3 Series – Capacitive Level Sensor

- ▶ Durable sealed design – IP67 & IP6k9k
- ▶ Developed for the most rugged aqueous applications
- ▶ Tolerates coolant coating
- ▶ Small size – under 3" total length

The versatile CAP-3 is a solution for OEM applications. The sensor is compact, tolerates coating, and is rugged enough for OHV, Rail, Power Generation, and HVAC applications.

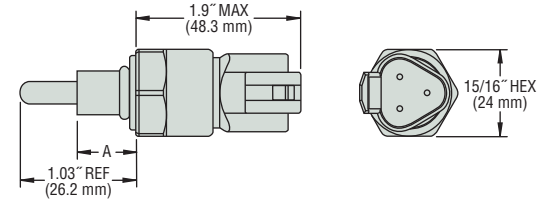


## Specifications

|                               |   |
|-------------------------------|---|
| <b>Mountings</b>              | 1/4" NPT, 1/2" NPT, M12x1.5 ISO 6149-3                          |
| <b>Materials</b>              |   |
| <b>Housing</b>                | Brass   |
| <b>O-Ring</b>                 | EPDM  |
| <b>Probe Tip</b>              | Versaplast™   |
| <b>Operating Pressure</b>     | Up to 100 PSIG  |
| <b>Operating Temperature</b>  | -40°F to +212°F (-40°C to +100°C)                               |
| <b>Supply Voltage</b>         | 9 to 32 VDC   |
| <b>Current Consumption</b>    | 15mA max. (no load)   |
| <b>Output</b>                 | Open collector, sinking or sourcing output, 9-32 VDC, 30mA max. |
| <b>Electrical Termination</b> | 3-pin Deutsch   |
| <b>Sensing Element Length</b> | 1.03" (26.2mm) Max. (including thread length)                   |
| <b>Approvals</b>              | CE, IP67, IP6k9k, RoHS  |

## Dimensions

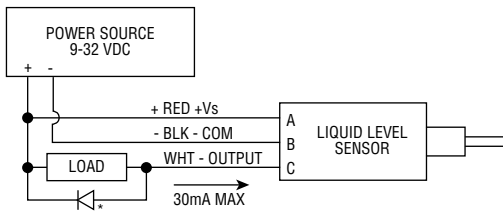
### Deutsch® Connector



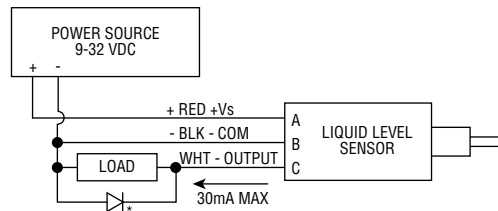
|                     |            | A DIM. REF.     | EPDM O-Ring  |
|---------------------|------------|-----------------|--------------|
| <b>Thread Sizes</b> | M12x1.5    | 0.53" (15.2 mm) | 9.3 x 2.2 mm |
|                     | 1/4"-18NPT | 0.62" (15.7 mm) | None         |
|                     | 1/2"-14NPT | 0.62" (15.7 mm) | None         |

## Wiring Diagram

### Sinking



### Sourcing



\* For inductive loads, use diode suppression.

## How To Order

Select a Part Number based on thread size and actuation condition.

