



**Shearmans** have recently been appointed distributors for:-  
**Rechner** Capacitive & **Contrinex** Inductive / Infra-red Sensors

**RECHNER  
SENSORS**



### Easy Mount:-

Prefer to sense through a non metallic window?  
Ignore the foam? See the foam? Even on  
conductive liquids like soaps, that may leave a  
film

This is no issue for the new **Easy Mount**  
sensor from **Rechner**

This is yet another real problem solver from  
Rechner, the world leader in capacitive sensing  
technology

Sensing a media through a window when the  
product leaves a film on the inside of the  
window. The good old problem of wanting to  
see the liquid but not the foam on top of the  
liquid. Well! The new **Easy Mount** solves these  
problems, it can be tuned to see the foam or just  
the liquid...Your call!

### Another technological breakthrough for Rechner



The sensor is just 30 mm diameter by 14 mm  
depth, sealed to IP 68 and is ideal for the level  
control of liquids, bulk material, position  
control of objects, monitoring for leaks and  
much more. The sensor is available PNP,  
NPN, Normally Open or Normally Closed.

**ET** As usual with all Rechner sensors, this sensor can be programmed, using a magnet (supplied with each sensor, this replaces the button option, to obtain IP68 status)

or

**ETW** Easy Teach by wire - An excellent option if the sensor is mounted in a difficult to access position

And, it is incredibly easy to mount! Hence the  
name

The sensor can be glued to a window,  
Clipped to a range of brackets or a DINrail,  
Or one can use a cable tie that slots into a special  
groove at the back of the sensor! How easy is  
that for mounting to a tube to monitor the  
contents?



**Contact Shearmans Ltd: [info@shearmans.org](mailto:info@shearmans.org) or Tel: 01264 710930**



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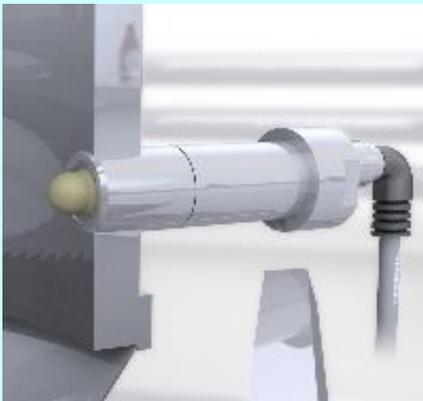


### Rechner Level Master

The easiest reliable way to detect conductive and adhesive liquids or pastes

The sensor is so clever that set up is as simple as a single push of a button or remotely by a single touch of the *Teach* wire

**No computers necessary.**



Rechner Sensors have designed a new level control sensor to deal with the problems of conductive, adhesive liquids or pastes, in many cases a challenge for the manufacturers of these kinds of products.

The sensor housing is a food grade stainless with an active area of PEEK and set up is a simple teach using Rechner's user friendly "Easy Teach" system.

The Easy Touch System can be either:-

**ET Easy Teach by button**

Or

**ETW Easy Teach by wire - An excellent option if the sensor is mounted in a difficult to access position**

Either way the process takes just seconds and requires no more than a simple button push or wire touch.

A wide range of products are now extremely easy to control with the Level Master.

*Oils, Water, Ketchup, Salsa, Vinegar, Mayonnaise, Mustard, Batter, Milk, Syrup, Beer, Fruit concentrates and many others, and that is just the food industry.*

In addition it is possible to have a version with two NO outputs so one can differentiate between two homogeneous products, such as water and oil.

The housing design complies with EHEDG requirements and a range of adaptors are available, all conforming to FDA standards.

If you have a Level sensing problem or are looking for the easy solution, then find out more about the Level Master from Rechner Sensors.

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Rechner Capacitive & Contrinex Inductive / Infra-red Sensors from Shearmans Ltd

# RECHNER SENSORS



## Rechner Type 26



Large players in the Food and Beverage industry are changing competitors capacitive proximity switches, rotary paddle wheel sensors, vibrating forks and rods for the Rechner Type 26 Series, Why?

- a) One sensor style senses everything, from dry grain through slurry to foam. ATEX versions are also available
- b) Simple to set-up, a consistently reliable fit and forget installation
- c) cost less than rods, forks or rotary wheel sensors

When it is easier to use, works more reliably and is lower in cost, there is no argument...



Rechner Type 26 series is unique in the way that it works for the user. It is an amazing problem solver with great potential and though it was initially designed for viscous products it is also fantastic with powders and liquids. The unique construction of the electrodes inside the specially shaped body maximises the detection ability and coupled with Rechner's advanced High Performance technology a capacitive sensor has been produced with remarkable characteristics

### *Advantages over other types of level control:*



Housing material to suit most industries especially Food, Beverage and Pharmaceutical. Suitable for CIP

No moving parts

Media optimised to sense many similar products on one setting

A range of process fittings including the tri-clamp hygienic fitting

The sensor works independently of the mounting position so can be mounted in any orientation

***ATEX? No problem. 26 Series covers zones 0,1,2, 20,21 and 22, and all but zone 0 can optionally be covered without the need for a barrier.***

Namur 2 wire are also no problem for the Rechner 26 series

### *The 26 series is ideal for:*

Bulk materials, like plastic granules, powder, cereals, etc.

Liquids, like water, juice, wine, oil, chemical or pharmaceutical solutions and much more.

Pastes in the food processing industry, resins or glue, etc.

*The Rechner Type 26 series is the ideal solution in many cases as replacements for vibrating forks or rods or rotary wheel technology. All of these products have issues such as powders compacting and products jamming between the forks. With the Rechner solution there are no moving parts and the sensor will withstand an incredible amount of product sticking to the sensor without causing it to switch output. The success of the Series 26 is why large users in the Food and Beverage industry as well as Pharmaceutical plants plus feed mills have moved back to capacitive sensors.*

**Once again the Rechner Type 26 sensor can be set using a simple teach button**

**It really is back to the future with the Rechner technology.**

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