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Filling level detection quite easy

The new capacitive sensor [KBQC0100](#) makes the handling and application easy for the user. It can be mounted very simply with a cable tie or glue or, if you would like to fix it on a wall, using the mounting holes. In this case, the sensor operates as a proximity switch, of course. The sensitivity or sensing distance adjustment is almost made by itself, thanks to easy teaching by wire. The steps one has to pass through are very quick to complete, so the user can save much time. To start the teach process, simply connect the white wire to +UB.



The components of the sensor are embedded in a plastic housing. They are watertight and operate wear-free. The protection class is IP68. With the KBQC0100 we add a small but powerful sensor to the ipf product range. The device is also intended as an alternative for KB98A592 and KB98A792, which are no longer available.

Typical applications are:

- level control of liquids
- level control of bulk material
- leakage detection
- position control of objects
-and much more



New low-cost retro-reflective laser sensor

As the diffuse reflection laser sensor [PT98E110](#) has already been used successfully in several applications, we introduce now the retro-reflective version [PR98E166](#).

The device has also laser protection class 1 and operates with reflector distances between 0.3 and 10m (using the [AO000014](#) reflector). The sensitivity is to be set with the potentiometer. The price for you as distributors amounts to 67.63€.



New inductive sensor added to PRO-series

In the inductive sensor segment we would like to draw your attention to the [IC210176](#), our first device of the PRO series in cuboid design. The sensor has a switching distance of 7mm, the connection is performed via a 200mm long M8 cable connector. With the detection of non-ferrous metals like aluminum or brass, the switching distance is max. 180Hz.

The IC210176 also provides an IO-Link interface; the corresponding IODD-file you can find on our homepage.



Low-cost IO-Link master solution

The [VY000005](#) IO-Link master provides quick and intuitive commissioning of IO-Link devices. It has a USB socket and an integrated DC/DC converter, which allow a galvanically isolated connection with a PC up to 2W. In case of more powerful IO-Link devices, an external power supply 24V DC can be connected. The LED gives information if the master is ready for operation and if there is an IO-Link communication.

Parameterization, configuration and data acquisition is possible with our provided software.

In general, ipf is not planning to add IO-Link master devices to its portfolio. However, more and more sensors provide the IO-Link technology. Especially for presentation purposes, this is an interesting device to which we would like to draw your attention.

