



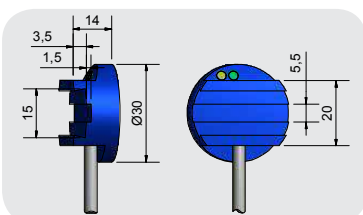
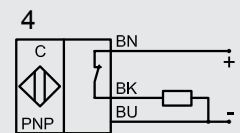
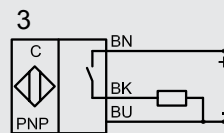
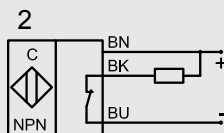
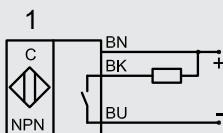
Capacitive Sensors Series 70 - NPN Series 80 - PNP **EasyMount**

Housing Ø 30 mm

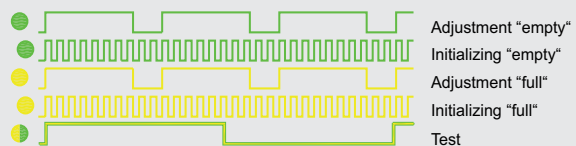
- Housing material: Polyamid (PA)
- Capacitive sensor for level control of liquids
- Various mounting possibilities (see accessories)
- Watertight
- Adjustment of sensitivity with EasyTeach by Magnet (ETM)
- Magnet delivered with the sensor
- Very suitable for a measurement through non-metallic container walls



Technical data	Flush mountable	Flush mountable
Operating distance S_n	5 mm	5 mm
Operating distance min. / max. adjustable	0...10 mm	0...10 mm
Electrical version	3 wire DC	3 wire DC
Output function	Normally open	Normally closed
Type NPN	KAS-70-30EM/15-S-D30-PA-Z02-ETM-HP	KAS-70-30EM/15-Ö-D30-PA-Z02-ETM-HP
Art.-No.	KA 1151	KA 1152
Connection diagram no.	1	2
Type PNP	KAS-80-30EM/15-S-D30-PA-Z02-ETM-HP	KAS-80-30EM/15-Ö-D30-PA-Z02-ETM-HP
Art.-No.	KA 1147	KA 1148
Connection diagram no.	3	4
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10 %	10 %
Operating current (I_e)	0...200 mA	0...200 mA
No-load current (I_o)	Typ 15 mA	Typ. 15 mA
Frequency of operating cycles max.	2 Hz	2 Hz
Permitted ambient temperature	-25...+70°C	-25...+70°C
LED-display	Green / yellow	Green / yellow
Protective circuit	Built-in	Built-in
Degree of protection IEC 60529	IP68	IP 68
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m PVC, 3 x 0.14 mm ²	2 m PVC, 3 x 0.14 mm ²
Housing material	PA	PA
Accessory (delivered with the sensor)	Teach magnet	Teach magnet



EasyTeach chart:
LED / Output function
Yellow = A1
Green = A1



Made in Germany

Capacitive Sensors **EasyMount**

- ✓ for level control of liquids
- ✓ for leakage detection

These small sensors have all that makes the handling and application easy for the user.

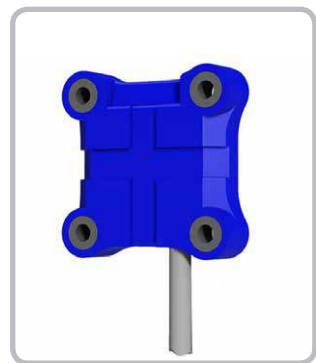
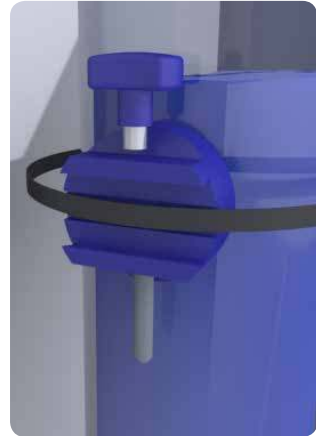
The mounting is really simple. The sensor itself is featured with excellent technical characteristics and is very small in size. It can be mounted in various ways. It can be glued in the desired position, fixed with a cable tie or it can be mounted with one of the holders from the range accessories.

The sensitivity- or sensing distance adjustment is almost made by itself, thanks to the **EasyTeach function**.

In the course of which it does not matter if the magnet is used or the version with EasyTeach by wire is the model of choice. The steps one has to pass through are easy and quick to complete, so the user does not lose time from looking after his core business.

With the use of the newest production technologies the components of the sensors are embedded in the plastic body. They are watertight and operate wear-free. All sensors produced from RECHNER Sensors Germany are 100 % tested. The product marking is made with modern laser technology for everlasting identification and traceability.

For further information about Rechner Sensors feel free to contact us or visit our web site under www.rechner-sensors.com.



Measurement through
non-metallic container
walls

IP68

**EasyTeach + EasyMount
= Simply perfect**

100 % tested

Laser product marking