



Capacitive Sensors

Series 80 - PNP **EasyMount**

Housing Ø 30 mm

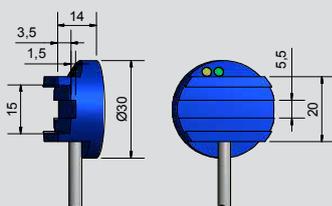
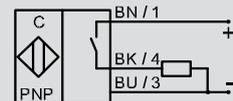
Capacitive sensor for level control of liquids, very suitable for a measurement through non-metallic container walls. Special adaptation for bypass applications.

- Sensitivity adjustment with EasyTeach by magnet (ETM)
- Magnet delivered with the sensor
- Housing material: PA
- Various mounting possibilities (see accessories)
- Watertight

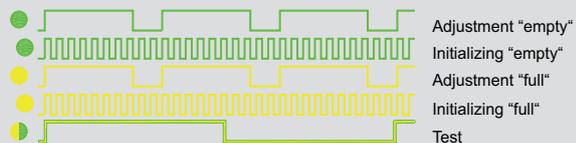


Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0... 10 mm
Electrical version	3 wire DC
Output function	Normally open
Type PNP	KAS-80-30EM/15-S-D30-PA-Z02-ETM-HP
Art.-No.	KA 1147
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_g)	≤ 2.0 V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

All specifications are subject to change without notice. (06.01.2020)



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



Made in Germany

Capacitive Sensors **EasyMount**

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

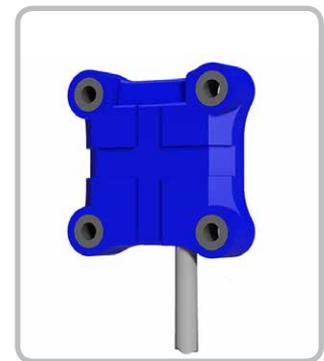
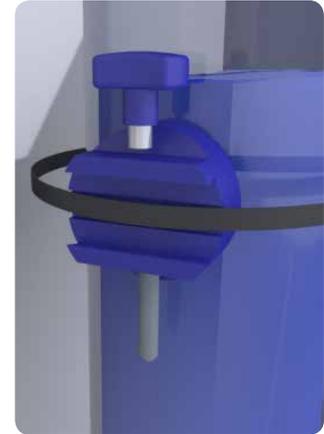
These small sensors have all that makes the handling and application easy for the user.

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



**EasyTeach + EasyMount
= Simply perfect**

IP68

100 % tested

Laser product marking

Made in Germany

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