



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



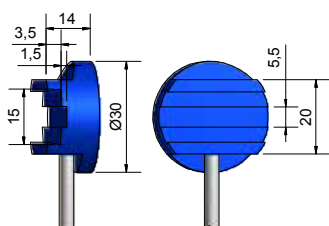
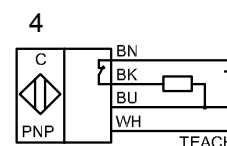
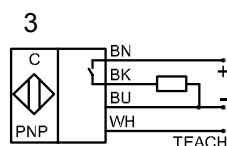
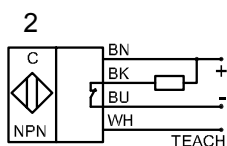
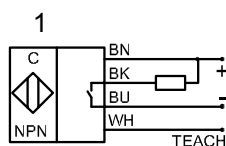
EasyTeach

- Housing Ø 30 mm
- EasyTeach by wire
 - Housing material: Polyamide (PA)
 - Various mounting possibilities (see accessories)
 - Capacitive sensor for level control of liquids or bulk material
 - Capacitive sensor for detecting the position of objects
 - Watertight

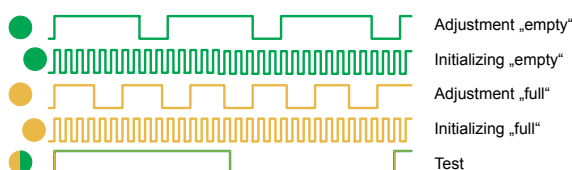
Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	5 mm	5 mm
Operating distance min. / max. programmable	0...10 mm	0...10 mm
Electrical version	3 wire DC	3 wire DC
Output function	Normally open	Normally closed
Type NPN	KAS-70-30/EM-S-ETW	KAS-70-30/EM-Ö-ETW
Art.-No.	KA 1153	KA 1154
Connection diagram no.	1	2
Type PNP	KAS-80-30/EM-S-ETW	KAS-80-30/EM-Ö-ETW
Art.-No.	KA 1149	KA 1150
Connection diagram no.	3	4
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Output current max. (I_o)	200 mA	200 mA
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10 %	10 %
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	IP 68	IP 68
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m PVC, 4 x 0.14 mm ²	2 m PVC, 4 x 0.14 mm ²
Housing material	PA	PA
Accessory supplied with the sensor	-	-



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



Made in Germany

All specifications are subject to change without notice. (09/2013)