



Capacitive Sensors

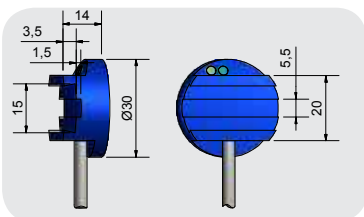
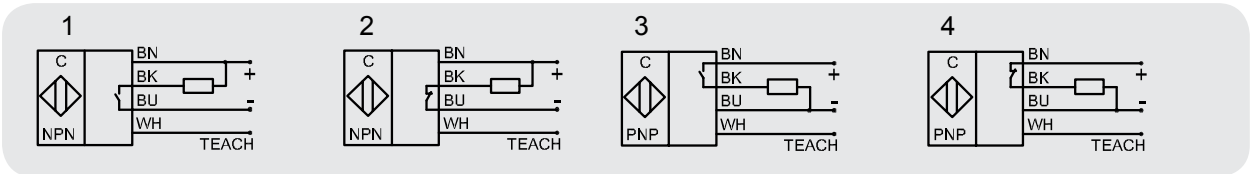
Series 70 - NPN **EasyMount**
Series 80 - PNP

Housing Ø 30 mm

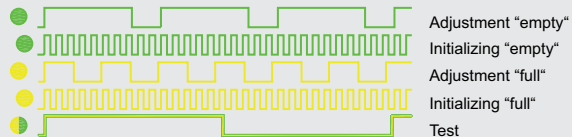
- EasyTeach by wire
- Housing material: Polyamide (PA)
- Various mounting possibilities (see accessories)
- Capacitive sensor for level control of liquids or bulk material
- Capacitive sensor for detecting the position of objects
- Watertight



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-70-30EM-S-PA-Z02-ETW-HP	KAS-70-30EM-Ö-PA-Z02-ETW-HP
Art.-No.	KA 1153	KA 1154
Connection diagram no.	1	2
Type PNP	KAS-80-30EM-S-PA-Z02-ETW-HP	KAS-80-30EM-Ö-PA-Z02-ETW-HP
Art.-No.	KA 1149	KA 1150
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_o)	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	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