



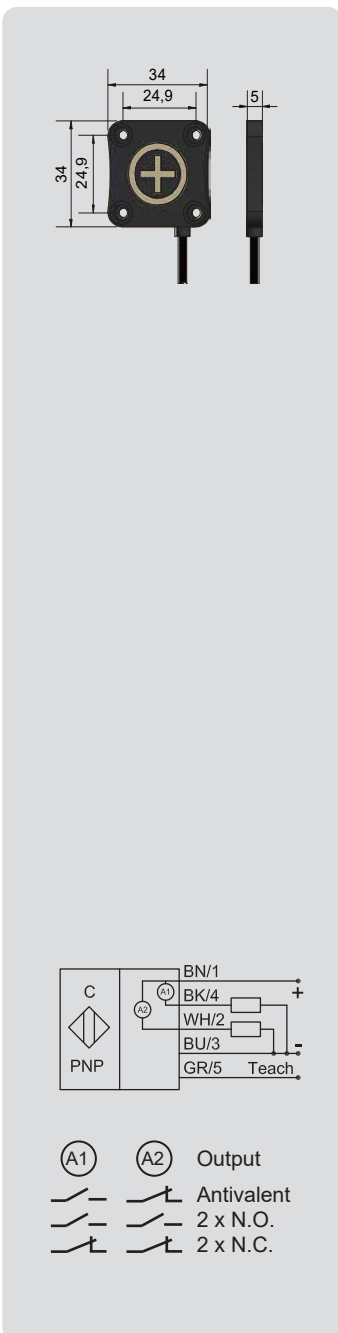
Capacitive sensors

Series 80 - PNP

Article number KA8966

Description KAS-80-C30EM/5-P3-34x34x5-PA-Z02-ETW-HP

- Capacitive sensor for level control of liquids, very suitable for a measurement through non-metallic container walls.
- Output function (Antivalent / 2 x normally open / 2 x normally closed) selectable with EasyTeach by Wire (ETW).
- ETW = Sensitivity adjustment is done by connecting a line.
- With the normally closed and normally open versions, two switching points can be set independently of each other.
- Easy to mount, by screwing or gluing.



Technical data

Mounting	Flush mountable
Level sensor, in contact with the product	5 mm
Operating distance min. / max. adjustable	1...10 mm
Sensitivity adjustment	ETW
Output function	PNP, Antivalent*
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_o)	2 x 0...200 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	100 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	Cable, 2 m, PVC, 5 x 0.14 mm ²
Housing material	PA
Active surface	PA
Lid	-
Housing size / Process connection	34 x 34 x 5 mm
MTTF (average operating time until failure in Years)	529.1 Years
Media optimized	Yes
Quattro Protect	Yes

*Factory setting: Antivalent. Further EasyTeach settings can be found in the operating instructions.