



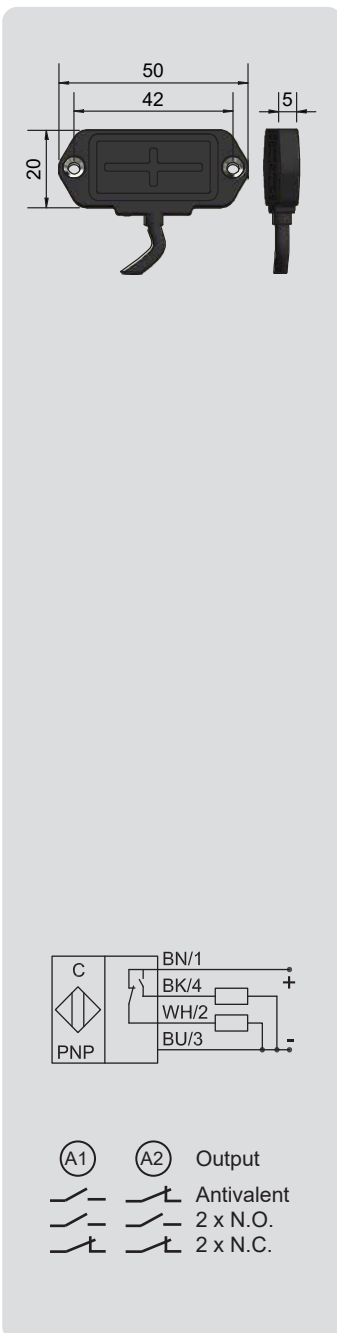
Capacitive sensors

Series 80 - PNP

Article number KA8951

Description KAS-80-C34EM/5-P3-50x20x5-PBT-Z02-ETM-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 Magnet (ETM)
- ETM = Sensitivity adjustment is made by magnet on the teach spot.
- With the normally closed and normally open versions, two switching points can be set independently of each other.
- Easy to mount, by screwing



Technical data

Mounting	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...10 mm
Sensitivity adjustment	ETM
Output function	Antivalent (factory setting), 2 x normally open or 2 x normally closed selectable*
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	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, 4 x 0.14 mm ²
Housing material	PA
Active surface	PA
Housing size / Process connection	50 x 20 x 5 mm
MTTF (average operating time until failure in Years)	529.1 Years
Media optimized	Yes
Quattro Protect	Yes
Accessories (delivered with the sensor)	Teach magnet

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