



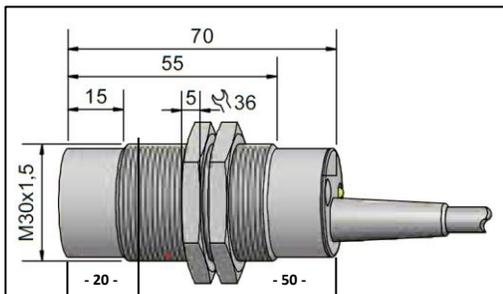
## Capacitive Sensors Series 80 - PNP

- Non-flush mount
- Housing M30 x 1.5
- Capacitive sensor for level and position control
- Housing material: PA
- Sensing distance 2...25 mm adjustable
- With 2 meter cable



### Technical Data

Article Number	KA7000
Description	KAS-80-A24-A-M30-PA-120C-Z02-1-NL
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Operating voltage $U_B$	12...30 VDC
Voltage drop max. $U_d$	$\leq 2$ V
Permitted residual ripple max.	5%
Operating Current $I_e$	2 x 0...200 mA
No-load current $I_0$	< 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	Active area: -25...+120 °C   Ambient Temperature -25...+40 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection	2 meter cable, PVC, 4 x 0.5 mm <sup>2</sup>
Housing material	PA
Active surface	PA
Lid	PA / PPO
Accessories (delivered with the sensor)	2 nuts M30 x 1.5

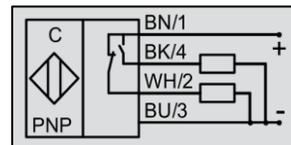


Active Area	Ambient Area
120 °C max	40 °C max

120 °C = 248 °F

40 °C = 104 °F

-25 °C = -13 °F



1. The active area of the sensor includes the front 20 mm of the sensor.
2. The ambient area of the sensor includes the 50 mm on the cable side of the sensor.
3. The sensor body on the ambient side must not exceed 70 °C.
4. The ambient temperature may exceed 40 °C only if adequate external cooling is supplied to the sensor.

\*For IP67 rating: the potentiometer must be sealed.

All Specifications are subject to change without notice

**Made in Canada**