

CAPACITIVE SENSORS *NormLine*

Housing	M 18 x 1		M 18 x 1	
CE				
Technical data	Flush mountable		Flush mountable	
Sensing distance S_n [mm]	5 mm		5 mm	
Sensing distance min. / max. [mm] adjustable	1...8 mm		1...8 mm	
	Type code	Art. No.	Type code	Art. No.
Type NPN antivalent (NO / NC)	KAS-70-A13-A-M18-PPO/MS-Z02-1-NL	KA 0718		
Type NPN normally open (NO)	KAS-70-A13-S-M18-PPO/MS-Z02-1-NL	KA 0672		
Type PNP antivalent (NO / NC)	KAS-80-A13-A-M18-PPO/MS-Z02-1-NL	KA 0668	KAS-80-A13-A-M18-PPO/MS-Y5-1-NL	KA 0667
Type PNP normally open (NO)	KAS-80-A13-S-M18-PPO/MS-Z02-1-NL	KA 0666		
Type AC / DC normally open (NO)				
Type AC / DC normally closed (NC)				
Certificates	CE, RoHS, UL-CSA		CE, RoHS, UL-CSA	
Operating voltage (U_B)	12...30 V DC		12...30 V DC	
Output current (I_o)	200 mA / 2 x 200 mA		2 x 200 mA	
No load current (I_o)	< 15 mA		< 15 mA	
Load current min.	-		-	
Frequency of operating cycles max.	200 Hz		200 Hz	
Permitted ambient temperature	-25...+70 °C		-25...+70 °C	
LED display	Yes		Yes	
Protective circuit	Yes		Yes	
Norm	IEC 60947-5-2		IEC 60947-5-2	
Degree of protection IEC 60529*	IP 67*		IP 67*	
Connection	2 m cable, PUR, 3 x 0.34 mm ² PVC, 4 x 0.34 mm ² for antivalent		Flange connector M 12 x 1	
Housing material	Brass		Brass	
Active surface	PA / PPO		PA / PPO	
Lid	PA / PPO		-	

*With sealed potentiometer screw

