

Емкостные датчики NormLine KAS-M30

Технические характеристики

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Екатеринбург (343)384-55-89

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Ижевск (3412)26-03-58
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Улан-Удэ (3012)59-97-51
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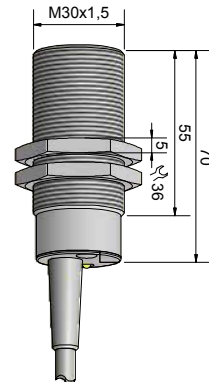
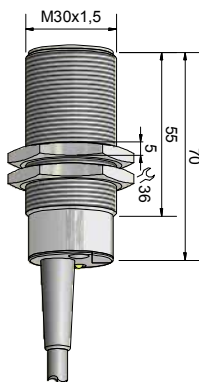
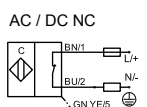
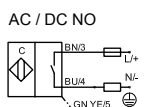
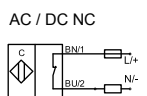
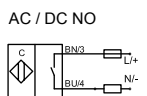
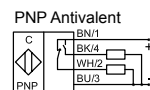
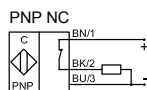
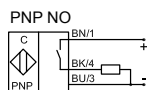
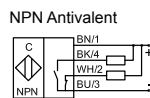
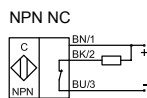
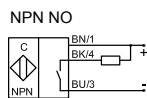
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CAPACITIVE SENSORS *NormLine*

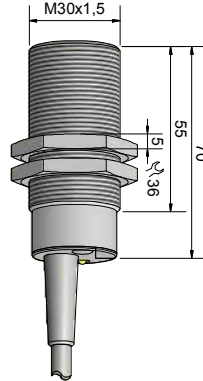
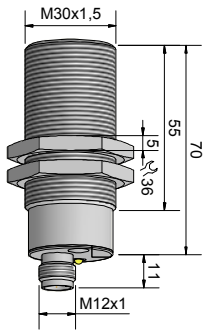
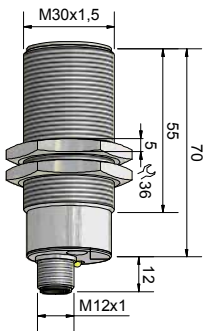
Housing	M 30 x 1.5		M 30 x 1.5	
				
Technical data	Flush mountable		Flush mountable	
Sensing distance S_n , [mm]	10 mm		10 mm	
Sensing distance min. / max. [mm] adjustable	2...20 mm		2...20 mm	
	Type code	Art. No.	Type code	Art. No.
Type NPN antivalent (NO / NC)	KAS-70-A14-A-M30-PPO/MS-Z02-1-NL	KA 0719	KAS-70-A14-A-M30-PPO-Z02-1-NL	KA 0555
Type NPN normally open (NO)	KAS-70-A14-S-M30-PPO/MS-Z02-1-NL	KA 0664	KAS-70-A14-S-M30-PPO-Z02-1-NL	KA 0514
Type PNP antivalent (NO / NC)	KAS-80-A14-A-M30-PPO/MS-Z02-1-NL	KA 0665	KAS-80-A14-A-M30-PPO-Z02-1-NL	KA 0554
Type PNP normally open (NO)	KAS-80-A14-S-M30-PPO/MS-Z02-1-NL	KA 0663	KAS-80-A14-S-M30-PPO-Z02-1-NL	KA 0720
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_e)	200 mA / 2 x 200 mA		200 mA / 2 x 200 mA	
No load current (I_o)	< 15 mA		< 15 mA	
Load current min.	-		-	
Frequency of operating cycles max.	150 Hz		150 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 Kabel, PVC, 3 x 0.75 mm ² 4 x 0.5 mm ² for antivalent		2 m Kabel, PVC, 3 x 0.75 mm ² 4 x 0.5 mm ² for antivalent	
Housing material	Brass		PA / PPO	
Active surface	PA / PPO		PA / PPO	
Lid	PA / PPO		PA / PPO	

*With sealed potentiometer screw



Dimension M 30 x 1.5

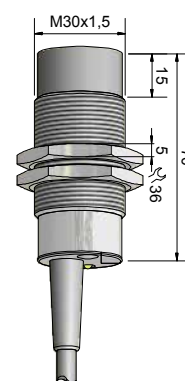
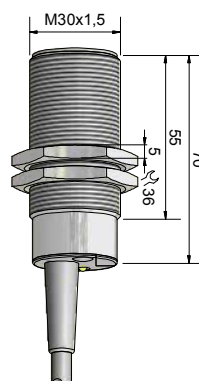
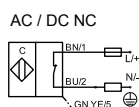
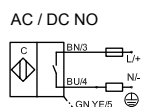
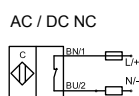
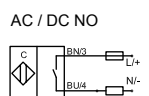
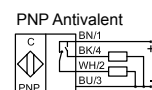
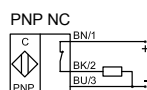
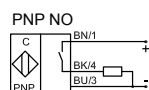
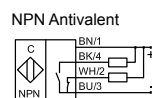
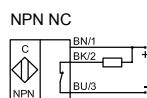
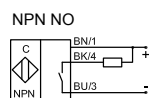
M 30 x 1.5		M 30 x 1.5		M 30 x 1.5	
					
Flush mountable		Flush mountable		Flush mountable	
10 mm		10 mm		10 mm	
2...20 mm		2...20 mm		2...20 mm	
Type code	Art. No.	Type code	Art. No.	Type code	Art. No.
KAS-80-A14-A-M30-PPO/MS-Y5-1-NL	KA 0660	KAS-80-A14-A-M30-PPO-Y3-1-NL	KA 0574		
				KAS-90-A14-S-M30-PPO-Z02-1-NL	KA 0603
				KAS-90-A14-Ö-M30-PPO-Z02-1-NL	KA 0641
CE, RoHS, UL-CSA		CE, RoHS, UL-CSA		CE, RoHS, UL-CSA	
12...30 V DC		12...30 V DC		20...250 V AC / DC	
2 x 200 mA		2 x 200 mA		330 mA (ETL = 250 mA)	
< 15 mA		< 15 mA		< 3 mA	
-		-		5 mA	
150 Hz		150 Hz		25 Hz	
-25...+70 °C		-25...+70 °C		-25...+70 °C (ETL = +60 °C)	
Yes		Yes		Yes	
Yes		Yes		Yes	
IEC 60947-5-2		IEC 60947-5-2		IEC 60947-5-2	
IP 67*		IP 67*		IP 67*	
Flange connector M 12 x 1		Flange connector M 12 x 1		2 m cable, PVC, 2 x 0.75 mm ²	
Brass		PA / PPO		PA / PPO	
PA / PPO		PA / PPO		PA / PPO	
PA / PPO		PA / PPO		PA / PPO	



CAPACITIVE SENSORS *NormLine*

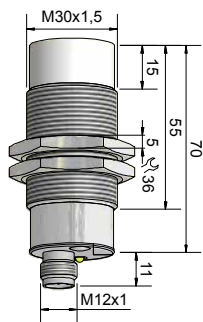
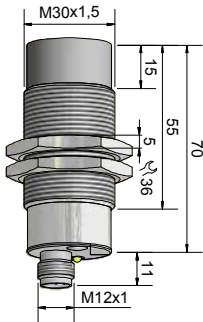
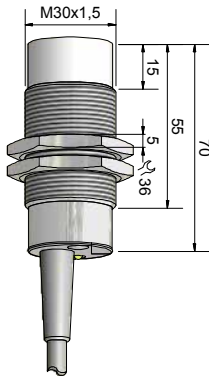
Housing	M 30 x 1.5		M 30 x 1.5	
				
Technical data	Flush mountable		Non-flush mountable	
Sensing distance S_n , [mm]	10 mm		15 mm	
Sensing distance min. / max. [mm] adjustable	2...20 mm		2...25 mm	
	Type code	Art. No.	Type code	Art. No.
Type NPN antivalent (NO / NC)			KAS-70-A24-A-M30-PPO/MS-Z02-1-NL	KA 0360
Type NPN normally open (NO)			KAS-70-A24-S-M30-PPO/MS-Z02-1-NL	KA 0366
Type PNP antivalent (NO / NC)			KAS-80-A24-A-M30-PPO/MS-Z02-1-NL	KA 0335
Type PNP normally open (NO)			KAS-80-A24-S-M30-PPO/MS-Z02-1-NL	KA 0334
Type AC / DC normally open (NO)	KAS-90-A14-S-M30-PPO/MS-Z02-1-NL	KA 0674		
Type AC / DC normally closed (NC)	KAS-90-A14-Ö-M30-PPO/MS-Z02-1-NL	KA 0675		
Certificates	CE, RoHS, UL-CSA		CE, RoHS, UL-CSA	
Operating voltage (U_B)	20...250 V AC / DC		12...30 V DC	
Output current (I_o)	330 mA (ETL = 250 mA)		200 mA / 2 x 200 mA	
No load current (I_o)	< 3 mA		< 15 mA	
Load current min.	5 mA		-	
Frequency of operating cycles max.	25 Hz		50 Hz	
Permitted ambient temperature	-25...+70 °C (ETL = +60 °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, PVC, 3 x 0.75 mm ²		2 m cable, PVC, 3 x 0.75 mm ² 4 x 0.5 mm ² for antivalent	
Housing material	Brass		Brass	
Active surface	PA / PPO		PVC	
Lid	PA / PPO		PA / PPO	

*With sealed potentiometer screw

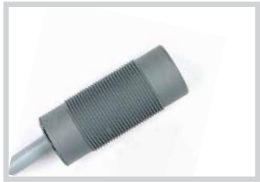


Dimension M 30 x 1.5

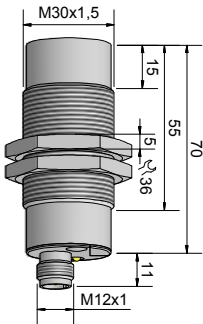
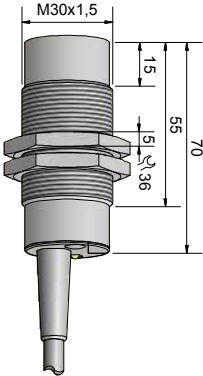
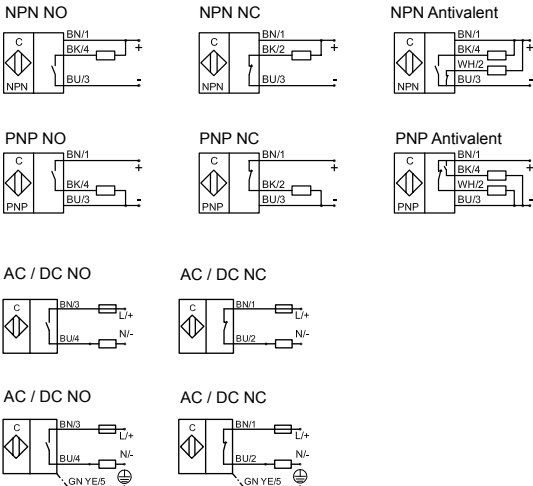
M 30 x 1.5		M 30 x 1.5		M 30 x 1.5	
					
Non-flush mountable		Non-flush mountable		Non-flush mountable	
15 mm		15 mm		15 mm	
2...25 mm		2...25 mm		2...25 mm	
Type code	Art. No.	Type code	Art. No.	Type code	Art. No.
KAS-70-A24-A-M30-PTFE/MS-Z02-1-NL	KA 0414	KAS-70-A24-A-M30-PPO/MS-Y3-1-NL	KA 0365		
KAS-80-A24-A-M30-PTFE/MS-Z02-1-NL	KA 0412	KAS-80-A24-A-M30-PPO/MS-Y3-1-NL	KA 0336	KAS-80-A24-A-M30-PTFE/MS-Y3-1-NL	KA 0413
CE, RoHS, UL-CSA		CE, RoHS, UL-CSA		CE, RoHS, UL-CSA	
12...30 V DC		12...30 V DC		12...30 V DC	
2 x 200 mA		2 x 200 mA		2 x 200 mA	
< 15 mA		< 15 mA		< 15 mA	
-		-		-	
50 Hz		50 Hz		50 Hz	
-25...+70 °C		-25...+70 °C		-25...+70 °C	
Yes		Yes		Yes	
Yes		Yes		Yes	
IEC 60947-5-2		IEC 60947-5-2		IEC 60947-5-2	
IP 67*		IP 67*		IP 67*	
2 m cable, PVC, 4 x 0.5 mm²		Flange connector M 12 x 1		Flange connector M 12 x 1	
Brass		Brass		Brass	
PTFE (FDA 21 CFR 177.1550)		PVC		PTFE (FDA 21 CFR 177.1550)	
PA / PPO		PA / PPO		PA / PPO	



CAPACITIVE SENSORS *NormLine*

Housing	M 30 x 1.5		M 30 x 1.5	
				
Technical data	Non-flush mountable		Non-flush mountable	
Sensing distance S_n , [mm]	15 mm		15 mm	
Sensing distance min. / max. [mm] adjustable	2...25 mm		2...25 mm	
	Type code	Art. No.	Type code	Art. No.
Type NPN antivalent (NO / NC)	KAS-70-A24-A-M30-PPO-Z02-1-NL	KA 0364	KAS-70-A24-A-M30-PPO-Y3-1-NL	KA 0351
Type NPN normally open (NO)	KAS-70-A24-S-M30-PPO-Z02-1-NL	KA 0367		
Type PNP antivalent (NO / NC)	KAS-80-A24-A-M30-PPO-Z02-1-NL	KA 0327	KAS-80-A24-A-M30-PPO-Y3-1-NL	KA 0333
Type PNP normally open (NO)	KAS-80-A24-S-M30-PPO-Z02-1-NL	KA 0326		
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.	50 Hz		50 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, PVC, 3 x 0.75 mm ² 4 x 0.5 mm ² for antivalent		Flange connector M 12 x 1	
Housing material	PA / PPO		PA / PPO	
Active surface	PA / PPO		PA / PPO	
Lid	PA / PPO		PA / PPO	

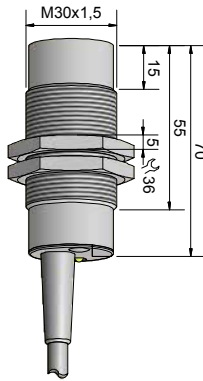
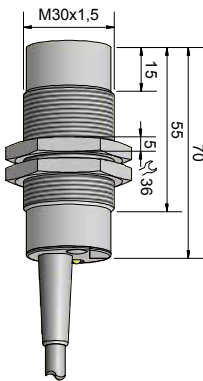
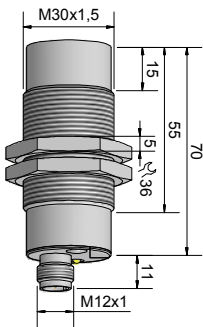
*With sealed potentiometer screw



Dimension M 30 x 1.5

M 30 x 1.5		M 30 x 1.5		M 30 x 1.5		
						
Non-flush mountable		Non-flush mountable		Non-flush mountable		
15 mm		15 mm		15 mm		
2...25 mm		2...20 mm		2...20 mm		
Type code	Art. No.	Type code	Art. No.	Type code	Art. No.	
KAS-80-A24-A-K-Y3-3D-NL	KA 0734					
		KAS-90-A24-S-M30-PPO-Z02-1-NL	KA 0523	KAS-90-A24-P-PPO-M30-Z02-1-NL	KA 0755	
		KAS-90-A24-Ö-M30-PPO-Z02-1-NL	KA 0524			
CE, RoHS, UL-CSA, ATEX		CE, RoHS, UL-CSA		CE, RoHS		
12...30 V DC		20...250 V AC / DC		20...250 V AC / DC		
2 x 200 mA		330 mA (ETL = 250 mA)		330 mA		
< 15 mA		< 2,5 mA		< 2,5 mA		
-		5 mA		5 mA		
50 Hz		25 Hz		25 Hz		
-25...+70 °C		-25...+70 °C (ETL = +60 °C)		-25...+70 °C		
Yes		Yes		Yes		
Yes		Yes		Yes		
IEC 60947-5-2		IEC 60947-5-2		IEC 60947-5-2		
IP 67*		IP 67*		IP 67*		
Flange connector M 12 x 1		2 m cable, PVC, 2 x 0.75 mm²		2 m cable, PVC, 2 x 0.75 mm² and 2 x 0.14 mm²		
PA / PPO		PA / PPO		PA / PPO		
PA / PPO		PA / PPO		PA / PPO		
PA / PPO		PA / PPO		PA / PPO		

* NO and NC function selectable by means of a bridge.



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