



Capacitive Evaluation Unit KSA

Series 70-250-...-BB - NPN
Series 80-250-...-BB - PNP

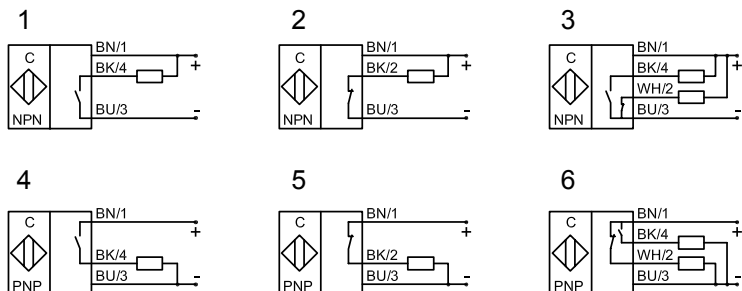
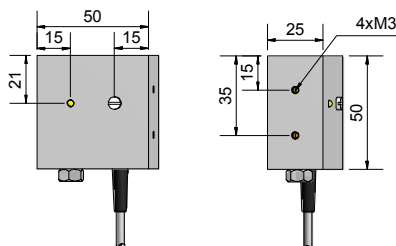
Housing 50 x 50 x 25 mm
• For capacitive sensors KS-250-M22...M32

Certificate:



Technical data

Electrical version	3-wire DC	3-wire DC
Output function	NO	NC
Type NPN	KSA-70-250-S-BB for 2 m	KSA-70-250-Ö-BB for 2 m
Art.-No.	560 700	560 900
Type NPN	KSA-70-250-S-BB for 5 m	KSA-70-250-Ö-BB for 5 m
Art.-No.	560 720	560 920
Connection diagram No.	1	2
Type PNP	KSA-80-250-S-BB for 2 m	KSA-80-250-Ö-BB for 2 m
Art.-No.	561 100	561 300
Type PNP	KSA-80-250-S-BB for 5 m	KSA-80-250-Ö-BB for 5 m
Art.-No.	561 120	561 320
Connection diagram No.	4	5
Operating voltage (U_b)	10...35 V DC	10...35 V DC
Output current max. (I_o)	250 mA	250 mA
Voltage drop max. (U_d)	≤ 2.5 V	≤ 2.5 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	Typ. 15 mA	Typ. 15 mA
Frequency of operating cycles max.	50 Hz	50 Hz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Yellow	Yellow
Protective circuit	Built-in	Built-in
Degree of protection IEC 529	IP 67	IP 67
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m, PUR, 3 x 0.14 mm ²	2 m, PUR, 3 x 0.14 mm ²
Housing material	PA	PA



Made in Germany

All specifications are subject to change without notice. (31.10.2013)