



Capacitive Sensors Series 70 - NPN Series 80 - PNP

Housing M 18 x 1

- Housing material: Brass
- Sensing distance 0.5...15 mm adjustable
- With flange connector M 12 x 1

Certificate:



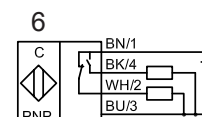
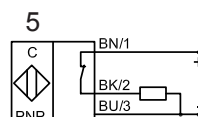
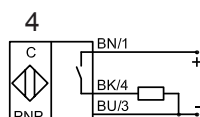
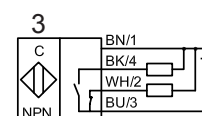
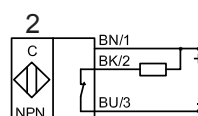
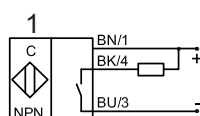
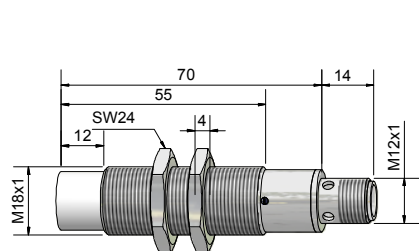
Quattro^{ELC}Protect™

Technical data

Non-flush mountable

Operating distance S_n	8 mm
Operating distance min. / max. adjustable	0.5...15 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)
Type NPN	KAS-70-A23-A-Y5
Art.-No.	704 091
Connection diagram No.	3
Type PNP	KAS-80-A23-A-Y5
Art.-No.	804 091
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	-
Media optimized	Yes

* With sealed potentiometer screw



All specifications are subject to change without notice. (07/2011)