



Capacitive Evaluation Unit

Series 70-250 - NPN
Series 80-250 - PNP

Housing 75 x 47 x 30 mm
• For capacitive sensors KS-250-M32(-Y)

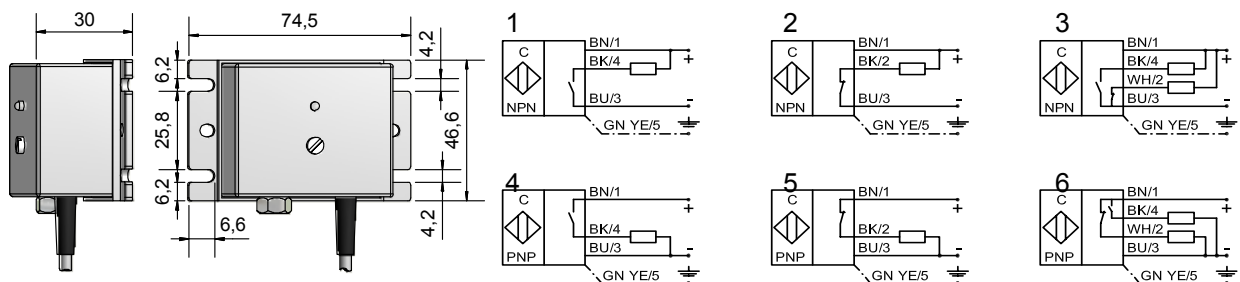
Certificate:



Technical data

| | | |
|------------------------------------|-----------------------------------|-----------------------------------|
| Electrical version | 5-wire DC | 5-wire DC |
| Output function | Antivalent | Antivalent |
| Type NPN | KSA-70-250-A-M32-2m | KSA-70-250-A-M32-Y-2m |
| Art.-No. | AK 0003 | AK 0007 |
| Type PNP | KSA-70-250-A-M32-5m | KSA-70-250-A-M32-Y-5m |
| Art.-No. | AK 0004 | AK 0008 |
| Connection diagram No. | 3 | 3 |
| Type PNP | KSA-80-250-A-M32-2m | KSA-80-250-A-M32-Y-2m |
| Art.-No. | AK 0005 | AK 0009 |
| Type PNP | KSA-80-250-A-M32-5m | KSA-80-250-A-M32-Y-5m |
| Art.-No. | AK 0006 | AK 0010 |
| Connection diagram No. | 6 | 6 |
| Operating voltage (U_B) | 10...35 V DC | 10...35 V DC |
| Output current max. (I_o) | 2 x 250 mA | 2 x 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 | Green / yellow | Green / yellow |
| Protective circuit | Built-in | Built-in |
| Degree of protection IEC 60529 | IP 65 | IP 65 |
| Norm | EN 60947-5-2 | EN 60947-5-2 |
| Connection cable | 2 m PVC, 5 x 0.34 mm ² | 2 m PVC, 5 x 0.34 mm ² |
| Housing material | PA | PA |

All specifications are subject to change without notice. (06/2014)



Made in Germany