



**Capacitive Evaluation Unit - KFA**  
**Series** *PER LEVEL*  
**NPN output**  
**PNP output**

- For capacitive filling level probes with 1, 2, 3 or 4 limit value switching points KFS-5-...-Y95
- With sensor break control
- Operating voltage 18...36 V DC

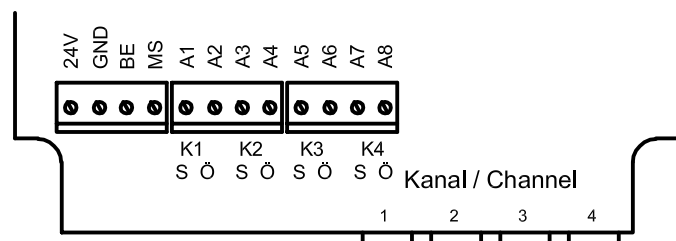
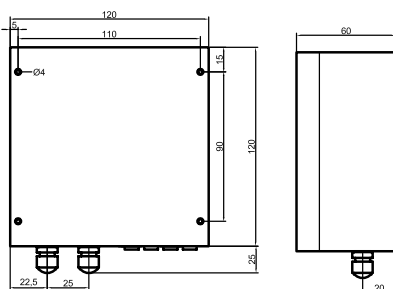
Certificate:



Technical data

|                                |                                      |                                      |
|--------------------------------|--------------------------------------|--------------------------------------|
| Output function                | 4 x antivalent                       | 4 x antivalent                       |
| Type NPN                       | KFA-5-4-N-S-4FB-Ö-CC-Y90             | KFA-5-4-N-Ö-4FB-Ö-CC-Y90             |
| Art.-No.                       | AF 0092                              | AF 0093                              |
| Type PNP                       | KFA-5-4-P-S-4FB-Ö-CC-Y90             | KFA-5-4-P-Ö-4FB-Ö-CC-Y90             |
| Art.-No.                       | AF 0095                              | AF 0095                              |
| Operating voltage ( $U_B$ )    | 18...36 V DC                         | 18...36 V DC                         |
| Output current max. ( $I_o$ )  | 250 mA each channel                  | 250 mA each channel                  |
| Voltage drop max. ( $U_d$ )    | $\leq 2.5$ V                         | $\leq 2.5$ V                         |
| Permitted residual ripple max. | 40%                                  | 40%                                  |
| No-load current ( $I_o$ )      | Typ. 130 mA                          | Typ. 130 mA                          |
| Switching frequency max.       | 4 Hz                                 | 4 Hz                                 |
| Permitted ambient temperature  | -25...+55° C                         | -25...+55° C                         |
| LED-Display                    | Green / yellow                       | Green / yellow                       |
| Protective circuit             | Built-in                             | Built-in                             |
| Degree of protection IEC 60529 | IP 54                                | IP 54                                |
| Norm                           | EN 60947-5-2                         | EN 60947-5-2                         |
| Connection                     | Screwing clamp terminals and sockets | Screwing clamp terminals and sockets |
| Housing material               | ABS                                  | ABS                                  |

All specifications are subject to change without notice. (05-11-2008)



**Made in Germany**