



**Capacitive Filling Level Probe - KFX - ATEX**  
**Series: <sup>PER</sup>LEVEL COMPACT**  
**NPN Output - Antivalent**  
**PNP Output - Antivalent**  
**1 Limit value switching point**

- Integrated evaluation electronics
- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- Housing material: PTFE 16 mm Ø
- Connection head and process connection stainless steel VA
- Process connection 1"
- Probe length max. 2000 mm

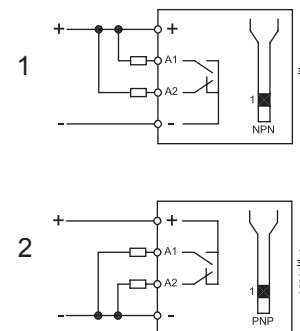
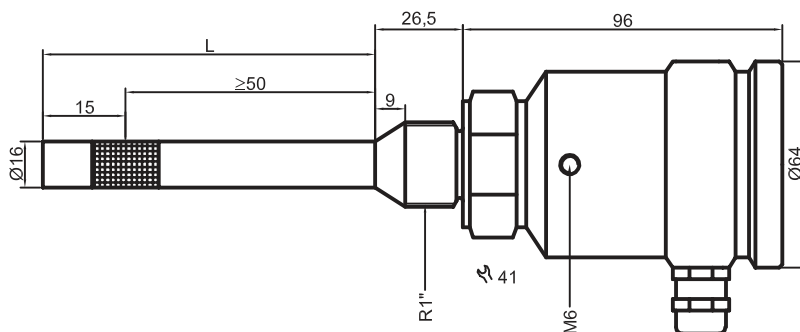
Certificate:



BVS 05 ATEX E 185	IECEX BVS 07.0032
Ex II 2G Ex mb II T4	Ex mb II T4
Ex II 1/2 D IP 67 T 110°C	Ex tD A20/21 IP 67 T110°C

Technical data

Active zone	10...25 mm, related to probe tip
Electrical version	4 connections DC
Output function	Antivalent
Type	KFX-5-1-"L"-15-N-A-VA-1"-StEx
Connection diagram No.	1
Type	KFX-5-1-"L"-15-P-A-VA-1"-StEx
Connection diagram No.	2
Operating voltage ( $U_B$ )	18...30 V DC
Output current max. ( $I_o$ )	2 x 100 mA
Voltage drop max. ( $U_o$ )	≤ 2,5 V
Permitted residual ripple max.	40 %
No-load current ( $I_o$ )	Typ. 50 mA
Switching frequency max.	4 Hz
Permitted ambient temperature	-25...+55 °C
Permitted ambient temperature (for active zone)	-25...+100 °C
LED-display	Green / yellow
Protective circuit	Build-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	10 m, PVC, 4 x 0,5 mm <sup>2</sup>
Housing material	VA No. 1.4571
Active zone	PTFE



Please determine the total length „L“ when ordering.

**Made in Germany**