



**LeVeL Capacitive Filling Level Probe - KFX - ATEX**  
**NPN Output - Normally Open (NO)**  
**PNP Output - Normally Open (NO)**  
**2 Limit value switching points**

- 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 (active zone): PTFE, Ø 16 mm
- Connection head and process connection stainless steel VA
- Process connection G 1"
- Probe length: 1500 mm

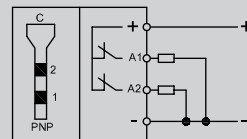
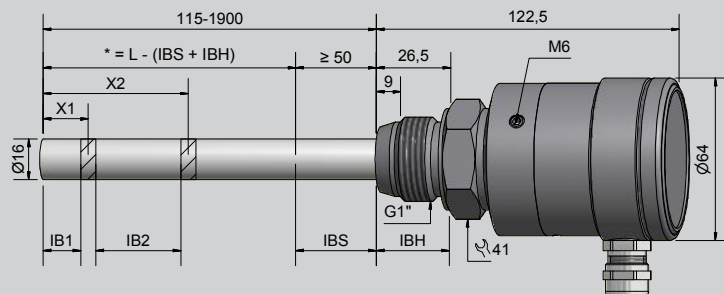
BVS 05 ATEX E 185	IECEX BVS 07.0032
II 2G Ex mb II T4	Ex mb II T4
II 1/2 D IP 67 T 110°C	Ex tD A20/21 IP 67 T 110°C



### Technical data

Active zone, related to probe tip	10...25 mm + 1 x type specific X2
Electrical version	4 connections DC
Output function	Normally open
<b>Type PNP</b>	<b>KFX-5-2-1500-15/X2-P-Ö-PTFE/VA-1"-StEx</b>
Art. No.	KF0410
Operating voltage ( $U_b$ )	18...30 V DC
Voltage drop max. ( $U_d$ )	≤ 2,5 V
Permitted residual ripple max.	25 %
Operating current ( $I_b$ )	2 x 0...100 mA
No-load current ( $I_o$ )	Typ. 50 mA
Switching frequency max.	4 Hz
Permitted ambient temperature	-20...+55 °C
Permitted ambient temperature (for active zone)	-20...+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. 1.4404 - AISI 316 L
Housing material (active zone)	PTFE (FDA 21 CFR 177.1550)
For matching accessories please see our selection of accessories.	

All specifications are subject to change without notice. (20.01.2022)



Please determine the total length „L“ and the position of the second switching point „X2“ when ordering.

**Made in Germany**