



**Capacitive Filling Level Probe - KFS**  
Series: **TRUE LEVEL** - ATEX  
With analogue measuring range

- For connection to the capacitive amplifier KFA-1-...-KL-Y70
- 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
⚡ 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 T110°C

Technical data

Active zone	Measuring range begins from 85, related to the probe tip
Type	KFS-1-"L"- "M"-VA-1"-StEx
Permitted ambient temperature	-25...+100 °C
Permitted ambient temperature (active zone)	-25...+100 °C
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection to the evaluation unit KFA-1-...-KL-Y70	SMB-sockets within the connection head
Housing material	VA No. 1.4571
Active Zone	PTFE

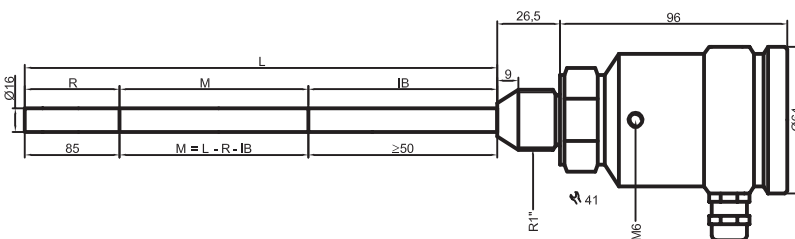
Technical data for connectors on request.

Connection cable (with Y75/Y75 SMB connector) is not delivered with the probe  
Order specifications: see page 66

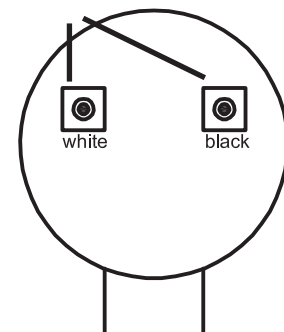
\* The degree of protection may be increased by means of special measures at mounting (e. g. injection of silicone mixture).

Please determine the total length „L“ and the measuring range „M“ when ordering.

All specifications are subject to change without notice. (10/2008)



Connection sockets within the head connection



**Made in Germany**