



Capacitive Filling Level Probe - KFX
Series: ^{PER}LEVEL COMPACT
NPN Output - Normally Closed
PNP Output - Normally Closed
2 Variable limit value switching points

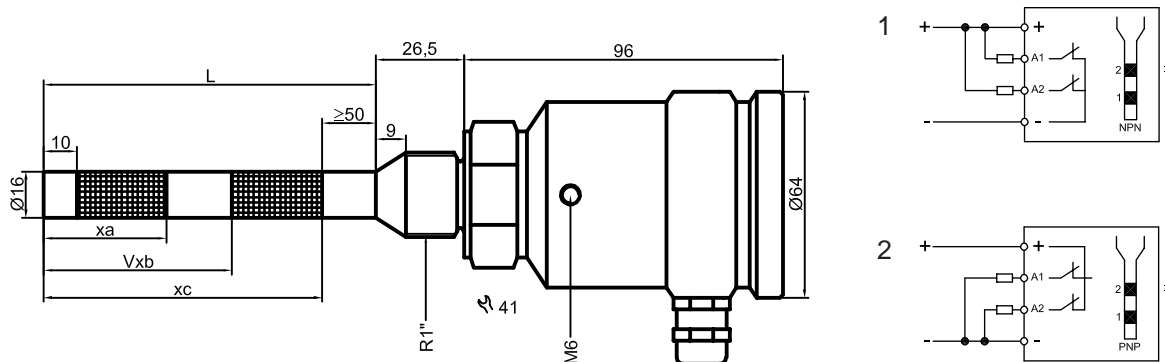
- Integrated evaluation electronics
- Housing material: GFK, 16 mm Ø
- Connection head and process connection stainless steel VA
- Process connection 1"
- Probe length max. 2000 mm

Certificate:



Technical data

| | |
|---|--|
| Active zone [mm] | 10...25, related to the probe tip + 2 x type specific xa-Vxb/xc |
| Electrical version | 4 Connections DC |
| Output function | NC |
| Type NPN | KFX-4-2-"L"-V10/xa-Vxb/xc-N-Ö-VA-1" |
| Connection diagram No. | 1 |
| Type PNP | KFX-4-2-"L"-V10/xa-Vxb/xc-P-Ö-VA-1" |
| Connection diagram No. | 2 |
| Operating voltage (U _B) | 18...36 V DC |
| Output current max. (I _O) | 2 x 250 mA |
| Voltage drop max. (U _d) | ≤ 2.5 V |
| Permitted residual ripple max. | 40 % |
| No-load current (I ₀) | typ. 50 mA |
| Switching frequency max. | 4 Hz |
| Permitted ambient temperature | - 25...+55°C |
| Permitted ambient temperature (for active zone) | -25...+100°C |
| Pressure | 25 bar |
| LED-Display | green/yellow |
| Protective circuit | built-in |
| Degree of protection IEC 529 | IP 67 |
| Connection | Clamp terminal within the connection head |
| Housing material | VA or 1.4571 |
| Active zone | GFK |



Other housing materials for the active zone (probe), like PE, PVDF or PEEK on request.
 Please determine the position of the second switching points "V10/xa and Vxb/xc" when ordering.

All specifications are subject to change without notice. (05/2004)