



Capacitive Sensors S26

Series 70 - NPN - StEx - ATEX

Series 80 - PNP - StEx - ATEX

Type of construction Triclamp DN 25

- 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

DMT 01 ATEX E 157

IECEX BVS 07.0015

Ex II 2 G Ex mb IIC T4 Gb

Ex mb IIC T4 Gb

Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db

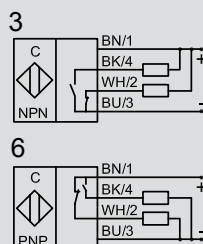
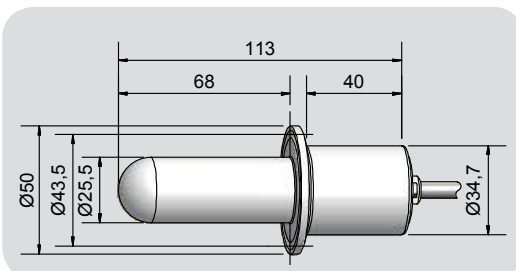
Ex ta/tb IIIC T101°C Da/Db



Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-26-A-K-Tri-PTFE-StEx
Art.-No.	KA 1183
Connection diagram No.	3
Type PNP	KAS-80-26-A-K-Tri-PTFE-StEx
Art.-No.	KA 0421
Connection diagram No.	6
Operating voltage (U _B)	10...30 V DC
Voltage drop max. (U _D)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I _e)	2 x 0...150 mA
No-load current (I _o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-20...+90 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes

Accessories (not delivered with the sensor): Stainless steel welding nipple DN 25 # 190751, Sealing gasket # 190752, Triclamp mounting clamp # 190750 please see our selection of accessories.

* With sealed potentiometer screw



Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant ϵ_r as of 1,1. Products can be:

- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food processing industry, liquid glue, resins or glue, etc.

Made in Germany

All specifications are subject to change without notice. (01/2018)