



Capacitive Sensors

Series 80 - PNP

Housing Ø 26 mm / Triclamp

- Housing material: PTFE
- Useable for an ambient temperature up to +100 °C
- SIP / CIP 121 °C
- Ideal of detection of chemically aggressive media
- Suitable for foods and pharmaceutical applications
- With Triclamp process connection



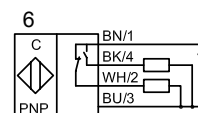
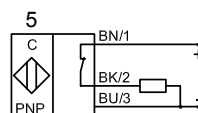
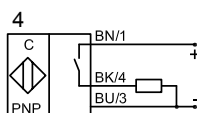
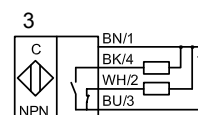
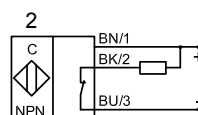
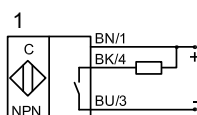
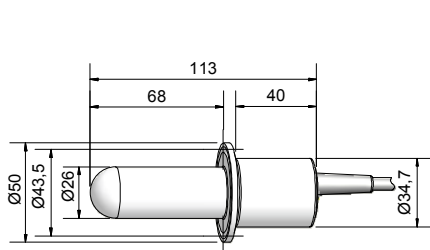
Certificate:



Technical data

Non-flush mountable

Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Type NPN	KAS-70-26-A-PTFE-Tri-100°C
Art.-No.	KA 1025
Connection diagram No.	3
Type PNP	KAS-80-26-A-PTFE-Tri-100°C
Art.-No.	KA 0415
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Load current min.	-
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C / CIP 121 °C (zero-current)
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	PA



Made in Germany

All specifications are subject to change without notice. (06.05.2011)

Accessories



Protection set M30 - Art.-Nr. 196302
M32 - Art.-Nr. 196301

The PTFE protection set M32 x 1.5 consists of an internally threaded cover, a Pg9-screwing for cable entry and a rubber gasket between the cover and the sensor. This protection cover serves as improvement to the degree of protection, against infiltration of liquids, for example in applications where the sensor is totally immersed in liquids. The resistance of the material still needs to be checked.

The thread of the sensor has to be sealed, for example with PTFE sealing-tape. The protection cover has to be screwed totally up to the end, and then the Pg9-screw has to be fixed.

Protection set, M30 suitable for KAS-70-26-A-M22-M30-PTFE or KAS-80-26-A-M22-M30-PTFE.

M32 suitable for KAS-70-26-A-200-PTFE-1", KAS-80-26-A-200-PTFE-1", KAS-70-26-A-200-PTFE-1"-SiEx-N or KAS-80-26-A-200-PTFE-1"-SiEx-N



Stainless steel welding nipple DN 25
Article No. 190 751

Sealing gasket
Article No. 190 752

Triclamp mounting clamp
Article No. 190 750



Stainless steel welding nipple,
 suitable for all our capacitive sensors KAS-70- or KAS-80-26-A-PTFE-Tri, KAS-70 or KAS-80-26-A-PTFE-Tri-100°C



Plastic tube fitting systems

PP tube da 32 SDR 11, L = 2000 mm
with already welded screw connection on one side
Article No. 196 360

PP union nut da 32 / 1 1/2"
Article No. 196 361

O-ring EPDM, suitable for union nut da 32
Article No. 196 362

Plastic tube fitting system, suitable for Type KAS-70- or KAS-80-26-A-PTFE-PFS1-Y5



Plastic tube fitting systems

PP / EPDM Screwing da 32 SDR with sealing gasket
Article No. 196 363

PP union nut da 32 / 1 1/2"
Article No. 196 361

Plastic tube fitting system, suitable for Type KAS-70- or KAS-80-26-A-PTFE-PFS2

