



## Capacitive Sensors S26 Series 80 - PNP

Type of construction G 1/2"

- Easy Teach by wire
- Housing material: PEEK



Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...10 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type PNP</b>	<b>KAS-80-26/105-A-G1/2-PEEK-Y10C-ETW-HP</b>
<b>Art.-No.</b>	<b>KA 1496</b>
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	$\leq 2.0$ V
Permitted residual ripple max.	10 %
Operating current ( $I_e$ )	2 x 0...200 mA
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	15 Hz
Permitted ambient temperature	-25...+70 °C / CIP 121 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	M12 connector, 0.1 m, PVC 5 x 0.14 mm <sup>2</sup>
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA
Media optimized	Yes

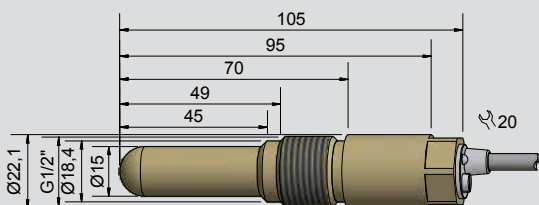
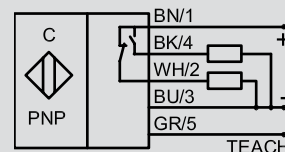
**Accessories** (not delivered with the sensor): Varivent Adapter (#196395), Welding Socket (#196394) please see our selection of accessories.

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  from 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, pharmaceutical and cosmetics industry

### Advantages:

- EHEDG conform
- Measurement is independent of the mounting position
- Permitted pressure on the active area: 10 bar
- Process connection G 1/2"



### EasyTeach chart\*: LED LED / Output function

Yellow = A1 Green = A2

- [Yellow pulse] Adjustment "empty"
- [Green pulse] Initializing "empty"
- [Yellow pulse] Adjustment "full"
- [Green pulse] Initializing "full"
- [Yellow pulse] Test

**Made in Germany**