



## Capacitive Sensors - S26 Series 80 - PNP - StEx - ATEX

Type of construction G 1"

- For use in areas with the risk of dust explosion, zone 20
- Housing material: PEEK

DMT 01 ATEX E 157

IECEx BVS 07.0015

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

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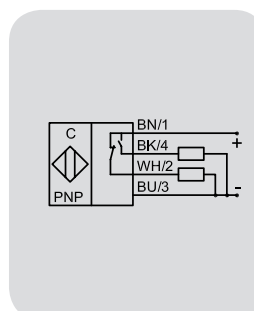
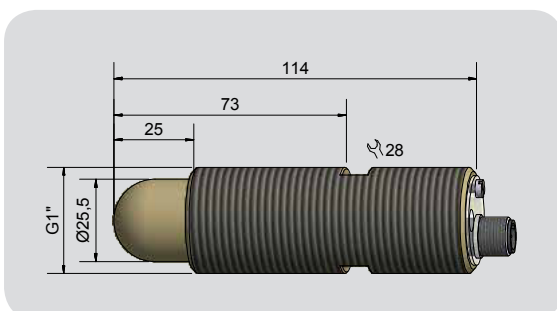


| Technical data                            | Non-flush mountable            |
|-------------------------------------------|--------------------------------|
| Level sensor, in contact with the product | Medium dependent adjustable    |
| Operating distance min. / max. adjustable | 0...20 mm                      |
| Electrical version                        | 4-wire DC                      |
| Output function                           | Antivalent                     |
| Type PNP                                  | KAS-80-26-A-K-G1"-PEEK-Y5-StEx |
| Art.-No.                                  | KA 1500                        |
| Operating voltage ( $U_B$ )               | 10...30 V DC                   |
| Voltage drop max. ( $U_d$ )               | $\leq 2.0$ V                   |
| Permitted residual ripple max.            | 10 %                           |
| Operating current ( $I_B$ )               | 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                                | Flange connector M 12 x 1      |
| Housing material                          | PEEK (FDA 21 CFR 177.2415)     |
| Active surface                            | PEEK (FDA 21 CFR 177.2415)     |
| Lid                                       | PC (FDA 21 CFR 177.1580)       |
| Media optimized                           | Yes                            |

Capacitive Sensors of the S26 series with hemispherical active surface for level control of products with a permittivity 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 processing industry, liquid glue, resins or glue, etc.

\* With sealed potentiometer screw



Made in Germany