



Capacitive Sensors Series 80 - PNP - StEx- ATEX

Housing M 32 x 1.5

- Housing material: Stainless steel VA, No.1.4305 / AISI 303
- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- Sensing distance 2...25 mm adjustable

DMT 01 ATEX E 157

IECEX BVS 07.0015

Ex II 2 G Ex mb IIC T4 Gb

Ex mb IIC T4 Gb

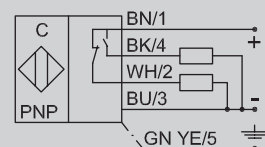
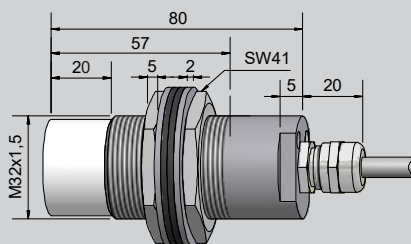
Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db

Ex ta/tb IIIC T101°C Da/Db



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|---|---|
| Technical data | Non-flush mountable |
| Operating distance S_n | 20 mm |
| Operating distance min. / max. adjustable | 2...25 mm |
| Electrical version | 4-wire DC |
| Output function | Antivalent |
| Type PNP current | KAS-80-35-A-M32-PTFE/VAb-Z03-1-2G-1/2D |
| Type PNP | KAS-80-35-A-M32-StEx |
| Art.-No. | KA 0086 |
| Operating voltage (U_B) | 10...30 V DC |
| Operating current (I_o) | 2 x 0...150 mA |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 5 % |
| No-load current (I_o) | Typ. 15 mA |
| Frequency of operating cycles max. | 50 Hz |
| Permitted ambient temperature | -20...+70 °C |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67* |
| Norm | EN 60947-5-2 |
| Connection cable | 3 m, PVC, 5 x 0.34 mm ² |
| Housing material | Stainless steel VA No.1.4305 / AISI 303 |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Media optimized | Yes |
| Accessories (is delivered with the unit) | 2 nuts M 32 x 1.5, 2 grommets, 2 o-rings |

All specifications are subject to change without notice. (13.09.2021)



* With sealed potentiometer screw

Made in Germany