



Inductive Sensors Series 10 - PNP-StEx-ATEX

Housing M 30 x 1.5

- 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 S_n 10 mm

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

Flush mountable

Operating distance S_n

10 mm

Electrical version

4-wire DC

Output

Antivalent

Type NPN

Art.-No.

Connection diagram No.

Type PNP

IAS-10-A14-A-PTFE/VA-StEx

Art.-No.

IA 0245

Connection diagram No.

6

Operating voltage (U_B)

10...30 V DC

Voltage drop max. (U_d)

≤ 2.5 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.

1 kHz

Permitted ambient temperature

-20...+90 °C

LED-display

Green / yellow

Protective circuit

Built-in

Degree of protection IEC 60529

IP 67

Norm

EN 60 947-5-2

Connection cable

5 m, PVC, 5 x 0.34 mm²

Housing material

Stainless steel VA No. 1.4305 / AISI 303

Active surface

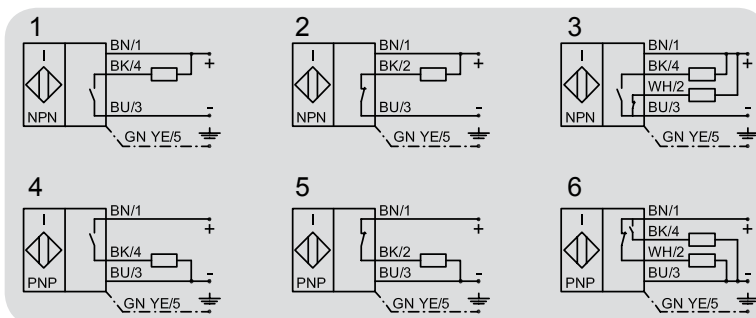
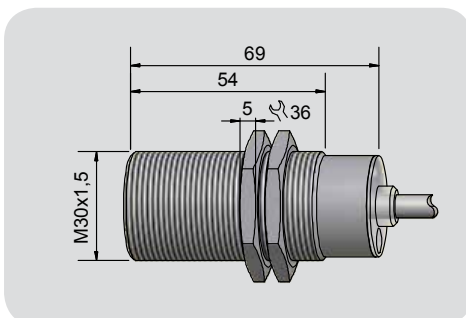
PTFE (FDA 21 CFR 177.1550)

Lid

PC (FDA 21 CFR 177.1580)

Accessories (delivered with the sensor)

2 nuts M 30 x 1.5



Made in Germany