



Inductive Sensors Series 10 - PNP - StEx - ATEX

Housing M 30 x 1.5

- Housing material: Brass
- 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 15 mm

DMT 01 ATEX E 157

Ex II 2 G Ex mb IIC T4 Gb

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

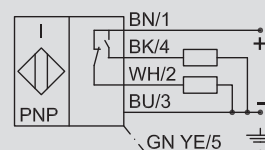
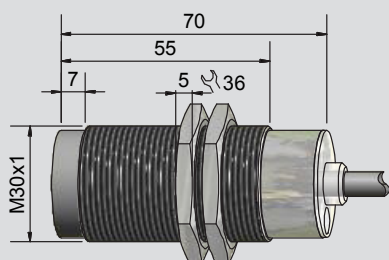
IECEX BVS 07.0015

Ex mb IIC T4 Gb

Ex ta/tb IIIC T101°C Da/Db



Technical data	Non-flush mountable
Operating distance S_n	15 mm
Electrical version	4-wire DC
Output	Antivalent
Type PNP	IAS-10-A24-A-M30-PTFE/MS-Z03-0-2G-1/2D
Art.-No.	IA 0331
Operating voltage (U_B)	10...30 V DC
Voltage drop max. (U_d)	≤ 2.5 V
Permitted residual ripple max.	10 %
Output current max. (I_o)	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	3 m, PVC, 5 x 0.34 mm ²
Housing material	Brass
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