

sensor induktiv NAMUR



PRODUCT: proximity switch
flush /non-flush

design: 08 M8x1
12 M12x1
18 M18x1
30 M30x1.5

- conformity certification 94/9/EG, Ex II 2 G EEx ia IICT1-T6
- 2m cable
- housing material: PA/MS

technical data

self-inductance L	< 10 μ H
self-capacitance C	< 20 nF
operating voltage U_B	7,7...10V DC
rated voltage U_N	8V DC (IB187004: max. 15V DC)
switching frequency max.	500Hz
sensing distance S_n	see list of articles
repeat accuracy	< 0.1%
system of protection	IP 67
ambient temperature	-25°C to +70°C
connection	2m cable (2 x 0.34 mm ²)
drift	< 10%

wiring diagram

+ brown
- blue

Order-No.:

Order-No.	Order-No.-certificate	thread	mounting	length	housing-material	operating-voltage	sn	wiring
IB087004	IAS-30-M8-N	M8x1	flush	16 mm	PA/MS	7,7-10V DC	1.5mm	2m cable
IB127004	IAS-30-A12-N	M12x1	flush	35 mm	PA/MS	7,7-10V DC	2 mm	2m cable
IN127004	IAS-30-A22-N	M12x1	non flush	35 mm	PA/MS	7,7-10V DC	4 mm	2m cable
IN127008	IAS-30-A22-N-K	M12x1	non flush	35 mm	PA	7,7-10V DC	4 mm	2m cable
IB187004	IAS-30-A13-N	M18x1	flush	35 mm	PA/MS	7,7-10V DC	5 mm	2m cable
IN187004	IAS-30-A23-N	M18x1	non flush	35 mm	PA/MS	7,7-10V DC	8mm	2m cable
IB307004	IAS-30-A14-N	M30x1.5	flush	35 mm	PA/MS	7,7-10V DC	10mm	2m cable

order-no. isolating switching amplifier:

IV520100 (N-131/2-E-10)	24V DC	2-NAMUR-inputs	2 pnp-outputs
IV524901 (N-131/2-01)	230V AC	2-NAMUR-inputs	2 relay