

inductive sensor PTFE-housing

- / sea water proof
- / acid proof
- / temperature proof up to +120°C
- / pre-wired



TECHNICAL DATA

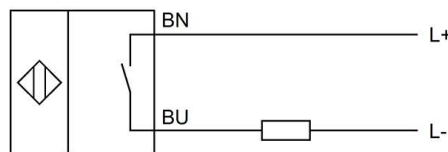
	DC	AC
mounting	note article list	note article list
nominal switching distance	note article list	note article list
operating voltage	10 ... 30V DC	20 ... 250V AC
current consumption (without load)	4mA	2,5mA
min. load current	---	4,5mA
voltage drop	1V	4,5V _{eff}
output signal	PNP, no	AC, no
output current (max. load)	200mA	400mA
short-circuit protection	+	-
reverse polarity protection	+	-
switching frequency (max.)	100Hz	20Hz
temperature (operating)	-25 ... +120°C	-25 ... +120°C
material (housing)	PTFE	PTFE
dimensions	M30 x 1,5	M30 x 1,5
protection class (EN 60529)	IP67 + IP69k	IP67 + IP69k
connection	FEP-cable, 3x0,34mm ²	silicone cable, 2x0,75mm ²

Connection (DC)

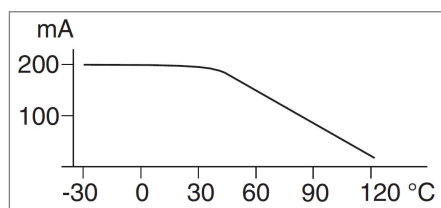


Farben: BN = braun, BK = schwarz, BU = blau

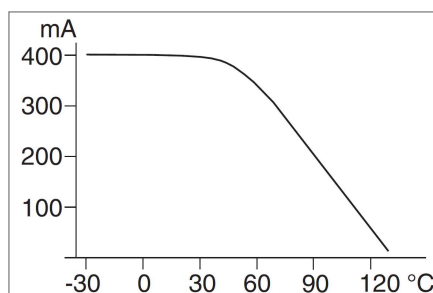
Connection (AC)

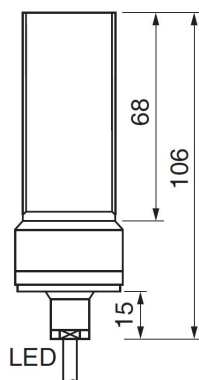


Current carrying capacity (DC)



Current carrying capacity (AC)



Drawing**Article-List**

artikel-no.	mounting	sn	voltage	output	connection
IB300181	flush	10	10 ... 30V DC	pnnp, no	2m FEP cable
IB304180	flush	10	20 ... 250V AC	AC,no	2m silicone cable
IN300180	non flush	14	10 ... 30V DC	pnnp, no	2m FEP cable
IN300182	non flush	14	10 ... 30V DC	pnnp, no	5m FEP cable
IN300181	non flush	14	10 ... 30V DC	pnnp, no	10m FEP cable
IN304180	non flush	14	20 ... 250V AC	AC,no	2m silicone cable
IN304181	non flush	14	20 ... 250V AC	AC,no	7m silicone cable

Normally closed or npn-types on demand!

SAFETY WARNINGS:

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these articles in applications where the safety of a person depends on their functionality.