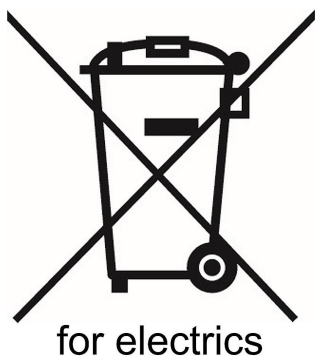


## Item description/product images



## Description

## Material:

Housing stainless steel or nickel-plated brass.  
Active face PBT or PA 12.

## Version:

Voltage:  $U = 10 - 30 \text{ V DC}$   
Function: Normally open  
Switch type: PNP  
Mounting type: flush  
Security type: IP 67

## Note:

Non-contact, wear-free operation. High switching frequency and switch accuracy.  
Non-sensitive to vibration, dust and moisture. Inductive sensors register all metals without contact.

Short-circuit and reverse-polarity proof.

## Temperature range:

$-25 \text{ }^{\circ}\text{C}$  to  $+70 \text{ }^{\circ}\text{C}$

## Safety:

This product is not suited as a sensor for the personal protection.

## Drawing reference:

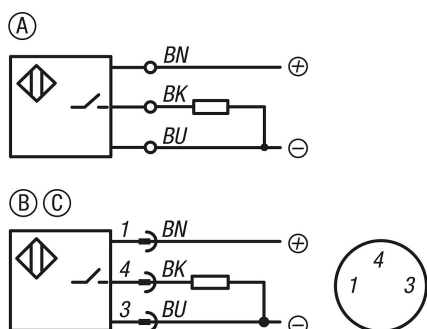
1) LED-indicator

P = cable length

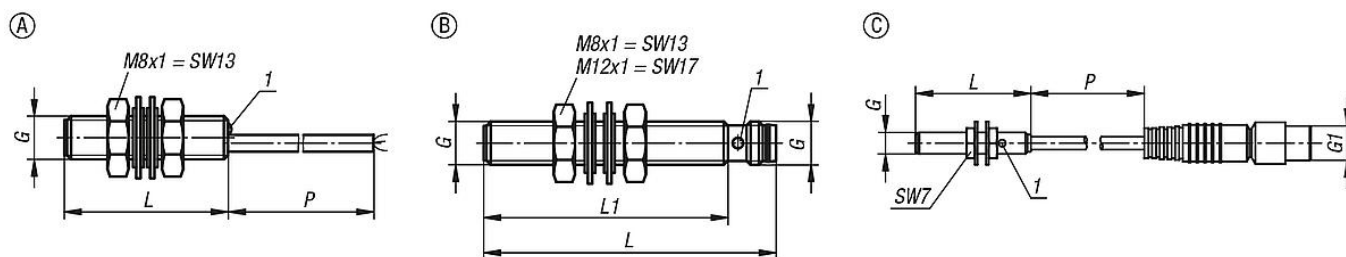
BN = brown

BK = black

BU = blue



## Drawings



## Overview of items

Order No.	Main material	Form	G	L	L1	P	Material active surface	Switching distance $S_n$ (mm)	Current I max. (mA)	Switching frequency f (Hz)	Connection type	No. of conductors x conductor cross-section
83000-10-010X5000	stainless steel	A	M8x1	30	-	5000	PBT	1,5	200	3000	PUR cable	3 x 0,14 mm <sup>2</sup>
83000-10-020	stainless steel	B	M8x1	45	34,5	-	PBT	2	200	1500	connector 3-pin	-
83000-10-030	stainless steel	B	M8x1	55	44,5	-	PBT	2	200	1500	connector 3-pin	-
83000-10-040	brass	B	M8x1	59	50	-	PA 12	1,5	200	1000	connector 3-pin	-
83000-10-050	brass	B	M8x1	59	50	-	PA 12	2	200	700	connector 3-pin	-
83000-10-060	brass	B	M12x1	65	50	-	PA 12	2	200	1200	connector 3-pin	-
83000-10-070	brass	B	M12x1	65	50	-	PA 12	4	200	500	connector 3-pin	-

## Overview of items

Order No.	Main material	Form	G	L	L1	P	Material active surface	Switching distance S <sub>n</sub> (mm)	Current I max. (mA)	Switching frequency f (Hz)	Connection type	No. of conductors x conductor cross-section
83000-10-080X300	stainless steel	C	M5X0,5	27	-	300	PBT	0,8	100	5000	connector 3-pin	-