

# Polyamide inductive proximity sensors SIEN/SIED

**FESTO**



## Value for money

**The ultimate cost-effective solution for the detection of metal objects**

**Universal use**

With standard M12/M18/M30 constructions.

**Cost-effective**

Thanks to an attractive price-performance ratio.

**Flexible**

Thanks to its polyamide housing, this sensor is approved for use in the food and packaging industry and can, in some cases, also be used in the chemical industry.

**Sturdy**

Thanks to its high protection class of IP65/IP67.



Suitable for foodstuffs

Sturdy

Standard

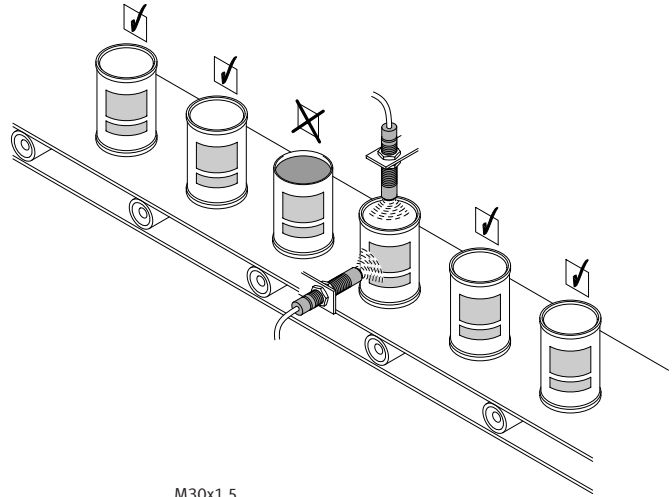
317.3.PSI →

Product Short Information

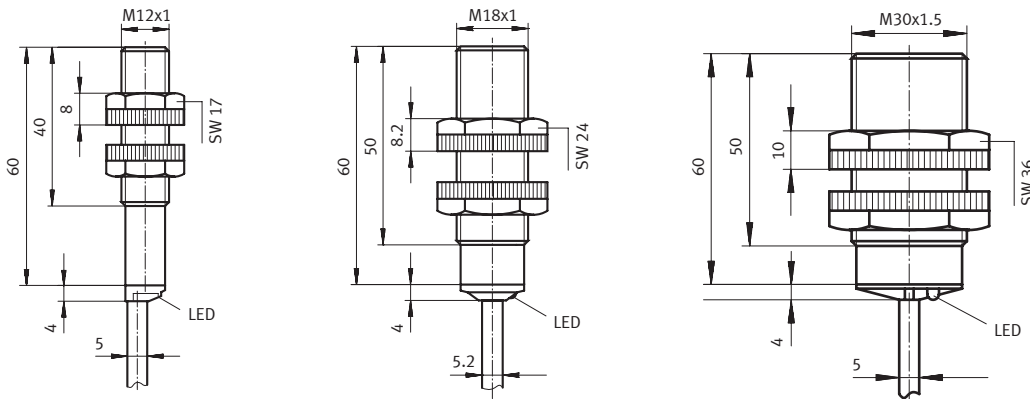
# Polyamide inductive proximity sensors SIEN/SIED

## Technical specifications

Output current	200 mA
Switching frequency	Up to 2000 Hz
Output	Only NO contacts
Connection	2.5 m cable (PVC)
Prot. against polarity reversal	Yes
Short circuit protection	Yes (only SIEN)
Protection class	IP65/IP67
Operating temperature	-25 ... +70 °C
Housing material	Polyamide (PA-12)



## Dimensions



## Product overview

Type	Voltage	Size	Sn [mm]	Mounting	Output		
SIEN-M12B-PS-K-L-PA	10 ... 30 V DC	M12	2	flush	PNP		
SIEN-M12B-NS-K-L-PA				flush	NPN		
SIEN-M12NB-PS-K-L-PA			4	non-flush	PNP		
SIEN-M12NB-NS-K-L-PA				non-flush	NPN		
SIEN-M18B-PS-K-L-PA		10 ... 300 V DC	M18	5	flush	PNP	
SIEN-M18B-NS-K-L-PA					flush	NPN	
SIEN-M18NB-PS-K-L-PA				8	non-flush	PNP	
SIEN-M18NB-NS-K-L-PA					non-flush	NPN	
SIEN-M30B-PS-K-L-PA		20 ... 250 V AC	M30	10	flush	PNP	
SIEN-M30B-NS-K-L-PA					flush	NPN	
SIEN-M30NB-PS-K-L-PA				15	non-flush	PNP	
SIEN-M30NB-NS-K-L-PA					non-flush	NPN	
SIED-M12B-ZS-K-L-PA	20 ... 250 V AC			M12	2	flush	2-wire
SIED-M12NB-ZS-K-L-PA						non-flush	
SIED-M18B-ZS-K-L-PA		M18	5	flush			
SIED-M18NB-ZS-K-L-PA				non-flush			
SIED-M30B-ZS-K-L-PA		M30	10	flush			
SIED-M30NB-ZS-K-L-PA				non-flush			

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