

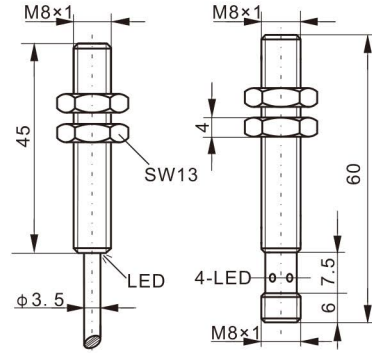


Made in China

Photo



Dimensions



Unit: mm

Features

- Analog type inductive sensor.
- 0. 1-1. 5mm sensing distance flush.
- Power supply 18...30VDC.
- PNP analog current output function.
- With polarity and transient protection.
- Protection class IP67.
- Operating temperature 32°F...158°F.

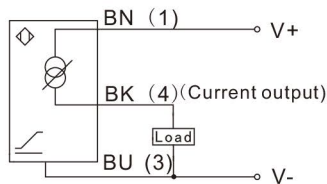
Model Description

ISB-15M08GIC

- I: Inductive
- S: Shielded
- B: Basic type
- 15: Operating distance mm
- M: Metal thread housing
- C: M8 connector
- I: Current output
- G: Analog output
- 08: Dimensions mm

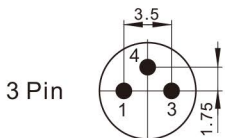
Connection

Analog current output



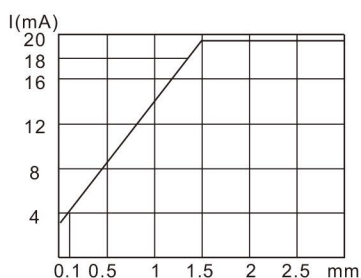
Pinout

Wire colors in accordance with EN 60947-5-2



- 1: BN (brown)
- 3: BU (blue)
- 4: BK (black)

Curve graph



Model Number

Specification	M8	
Installation [f/nf]	Flush	
Rated operating distance Sn	0. 1-1. 5mm	
Model number		
PNP-Current output	ISB-15M08GI	ISB-15M08GIC

Technical Data

Dimensions	M8x45	M8x60
Operating voltage U_B	18-30VDC	
Peak voltage	$\leq 10\%$	
Switching element function	PNP	
Operating current	0-20mA/400ΩMAX.	
Non-load supply current	$\leq 35mA$	
Switching frequency	100Hz	
Switching hysteresis	$< 5\%(Sr)$	
Repeatability	$< 0. 02mm$	
Temperature drift	$< 5\%(Sr)$	
Ambient temperature	0°C...+70°C (32°... 158°F)	
Ambient humidity	35—95%RH	
Protection degree	IP67	
Reverse polarity protection	Yes	
Transient protection	Yes	
Shocks and vibration	IEC60947-5-2/7. 4	
Mechanical specifications		
Housing material	Stainless steel V2A	
Sensing face	PBT	
Tightening torque	10Nm	
Connection type	Cable 2m (3×0.15mm ²) / Connector M8	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007	

Subject to modifications without notice

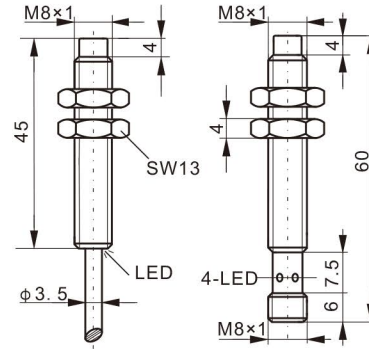


Made in China

Photo



Dimensions



Unit: mm

Features

- Analog type inductive sensor,
- 0. 121. 5mm sensing distance Non-flush
- Power supply 18...30VDC.
- PNP analog current output function
- With polarity and transient protection.
- Protection class IP67.
- Operating temperature 32°F...158°F.

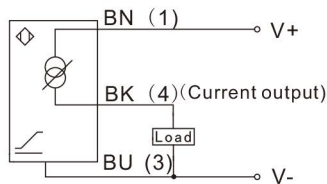
Model Description

INB-25M08GIC

- I: Inductive
- N: Non-shielded
- B: Basic type
- 25: Operating distance mm
- M: Metal thread housing
- C: Connector M8
- I: Current output
- G: Analog output
- 08: Dimension (mm)

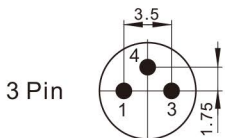
Connection

Analog current output



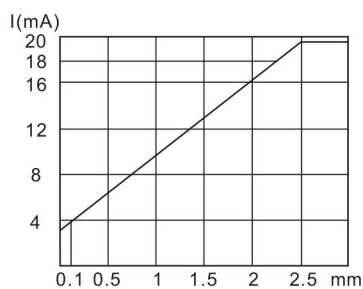
Pinout

Wire colors in accordance with EN 60947-5-2



- 1: BN (brown)
- 3: BU (blue)
- 4: BK (black)

Curve graph



Model Number

Specification	M8	
Installation [f/nf]	Non-flush	
Rated operating distance Sn	0.1-2.5mm	
Model number		
PNP-Current output	INB-25M08GI	INB-25M08GIC

Technical Data

Dimensions	M8x45	M8x60
Operating voltage U_B	18-30VDC	
Peak voltage	$\leq 10\%$	
Switching element function	PNP	
Operating current	0-20mA/400ΩMAX.	
Non-load supply current	$< 35\text{mA}$	
Switching frequency	100Hz	
Switching hysteresis	$< 5\%(\text{Sr})$	
Repeatability	$< 0.02\text{mm}$	
Temperature drift	$< 5\%(\text{Sr})$	
Ambient temperature	0°C...+70°C (32°...158°F)	
Ambient humidity	35—95%RH	
Protection degree	IP67	
Reverse polarity protection	Yes	
Transient protection	Yes	
Shocks and vibration	IEC60947-5-2/7.4	
Mechanical specifications		
Housing material	Stainless steel V2A	
Sensing face	PBT	
Tightening torque	10Nm	
Connection type	Cable 2m (3×0.15mm ²) / Connector M8	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007	

Subject to modifications without notice

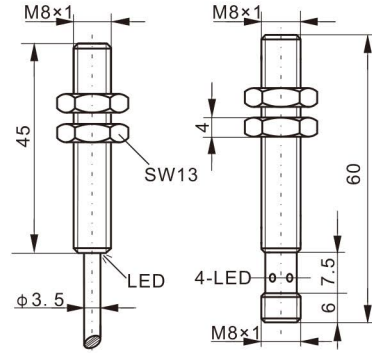


Made in China

Photo



Dimensions



Unit: mm

Features

- Analog type inductive sensor,
- 0. 1-1. 5mm sensing distance flush
- Power supply 18...30VDC.
- PNP analog voltage output function
- With polarity and transient protection.
- Protection class IP67.
- Operating temperature 32°F...158°F.

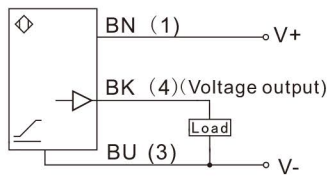
Model Description

ISB-15M08GUC

- I: Inductive
- S: Shielded
- B: Basic type
- 25: Operating distance mm
- M: Metal thread housing
- C: Connector M8
- U: Voltage output
- G: Analog output
- 08: Dimension (mm)

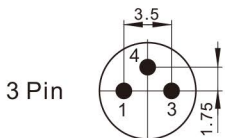
Connection

Analog voltage output



Pinout

Wire colors in accordance with EN 60947-5-2



- 1: BN (brown)
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- 4: BK (black)

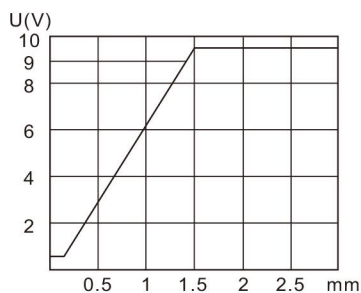
Model Number

Specification	M8	
Installation [f/nf]	Flush	
Rated operating distance Sn	0. 1-1. 5mm	
Model number		
PNP-Current output	ISB-15M08GU	ISB-15M08GUC

Technical Data

Dimensions	M8×45	M8×60
Operating voltage U_b	18-30VDC	
Peak voltage	$\leq 10\%$	
Switching element function	PNP	
Operating current	0-10V/ $\geq 2K\Omega$	
Non-load supply current	$\leq 35mA$	
Switching frequency	100Hz	
Switching hysteresis	$< 5\%(Sr)$	
Repeatability	$< 0. 02mm$	
Temperature drift	$< 5\%(Sr)$	
Ambient temperature	0°C...+70°C (32°... 158°F)	
Ambient humidity	35—95%RH	
Protection degree	IP67	
Reverse polarity protection	Yes	
Transient protection	Yes	
Shocks and vibration	IEC60947-5-2/7. 4	
Mechanical specifications		
Housing material	Stainless steel V2A	
Sensing face	PBT	
Tightening torque	10Nm	
Connection type	Cable 2m (3×0.15mm ²) /Connector M8	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007	

Curve graph



Subject to modifications without notice

U(V)
10

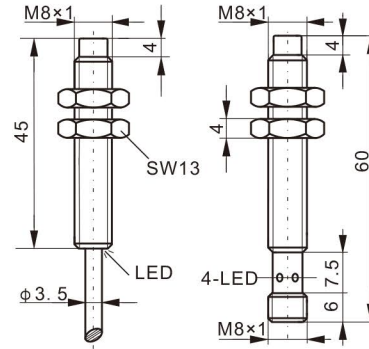


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Photo



Dimensions



Unit: mm

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- PNP analog voltage output function
- With polarity and transient protection.
- Protection class IP67.
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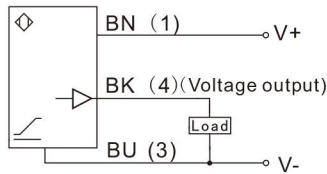
Model Description

INB-25M08GUC

- I: Inductive
- N: Non-shielded
- B: Basic type
- 25: Operating distance mm
- M: Metal thread housing
- C: Connector M8
- U: Voltage output
- G: Analog output
- 08: Dimension (mm)

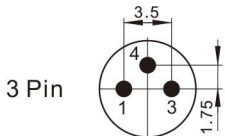
Connection

Analog voltage output



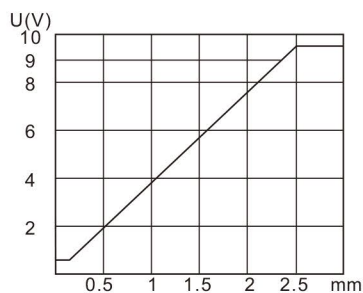
Pinout

Wire colors in accordance with EN 60947-5-2



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Curve graph



Model Number

Specification	M8	
Installation [f/nf]	Non-flush	
Rated operating distance Sn	0.1-2.5mm	
Model number		
PNP-Current output	INB-25M08GU	INB-25M08GUC

Technical Data

Dimensions	M8x45	M8x60
Operating voltage U_b	18-30VDC	
Peak voltage	$\leq 10\%$	
Switching element function	PNP	
Operating current	0-10V/ $\geq 2K\Omega$	
Non-load supply current	$< 35mA$	
Switching frequency	100Hz	
Switching hysteresis	$< 5\%(Sr)$	
Repeatability	$< 0.02mm$	
Temperature drift	$< 5\%(Sr)$	
Ambient temperature	0°C...+70°C (32°...158°F)	
Ambient humidity	35—95%RH	
Protection degree	IP67	
Reverse polarity protection	Yes	
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Shocks and vibration	IEC60947-5-2/7.4	
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