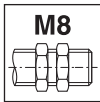
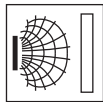




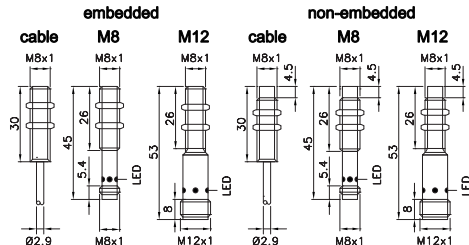
2mm embedded  
4mm non-embedded



Detailed  
data sheets:  
[www.leuze.com](http://www.leuze.com)



### Dimensioned drawing



### Electrical connection

#### cable, 3-wire

10-30V DC +	BR/BN
GND	BL/BU
OUT	SW/BK

#### M8 connector, 3-pole

10-30V DC +	1	BR/BN
GND	3	BL/BU
OUT	4	SW/BK

#### M12 connector, 4-pole

#### ...NO... (normally open)

10-30V DC +	1	BR/BN
not connected	2	
GND	3	BL/BU
OUT	4	SW/BK

#### ...NC... (normally closed)

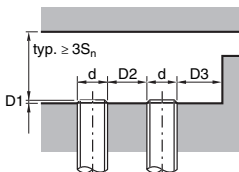
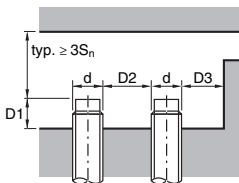
10-30V DC +	1	BR/BN
OUT	2	WS/WH
GND	3	BL/BU
not connected	4	

### Specifications

Operating voltage $U_B$	10 ... 30VDC
Output current $I_L$	$\leq 100\text{mA}$
Switching output/function	see <b>Sensor Types</b>
Switching frequency $f$	see <b>Sensor Types</b>
Yellow LED (visible from 360°)	switching state
Standard target material	Fe360

#### Operate in accordance with intended use!

- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with the intended use.

**Mounting**
**Embedded Mounting**

**Non-Embedded Mounting**


Tightening torque of the fastening nuts < 10 Nm !

**Sensor Types**

Type	Part No.	RANGE/MOUNTING			ELECTRICAL CONNECTION			OUTPUT				MOUNTING CLEARANCES			Standard Target Size [mm <sup>2</sup> ]	
		Sensing Range S <sub>n</sub> [mm]	Embedded	Non-Embedded	Cable 2m	M8, 3-pole	M12, 4-pole	PNP	NPN	Make-Contact (NO)	Break-Contact (NC)	Switching Frequency f [kHz]	D1 [mm]	D2 [mm]		D3 [mm]
ISS 108MM/2NO-2E0	50134741	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/4NO-2E0	50134732	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/2NO-2E0-M8.3	50134743	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/4NO-2E0-M8.3	50134742	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/2NO-2E0-M12	50137065	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/4NO-2E0-M12	50137066	2	*		*			*	*			2	0	8	8	8 x 8
ISS 108MM/2NO-4N0	50136038	4		*	*			*	*			1	8	16	8	12 x 12
ISS 108MM/4NO-4N0	50136039	4		*	*			*	*			1	8	16	8	12 x 12
ISS 108MM/2NO-4N0-M8.3	50136040	4		*	*			*	*			1	8	16	8	12 x 12
ISS 108MM/4NO-4N0-M8.3	50136041	4		*	*			*	*			1	8	16	8	12 x 12
ISS 108MM/2NO-4N0-M12	50137067	4		*	*			*	*			1	8	16	8	12 x 12
ISS 108MM/4NO-4N0-M12	50137068	4		*	*			*	*			1	8	16	8	12 x 12