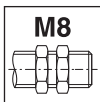
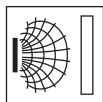


IS 108 MM/...

Inductive switches



2mm embedded
4mm non-embedded

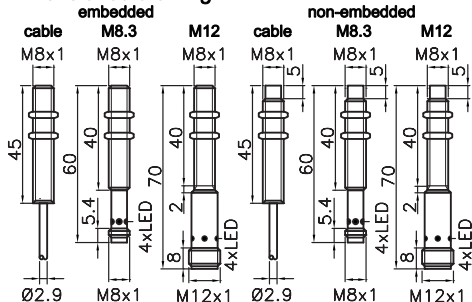


Detailed
data sheets:

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)

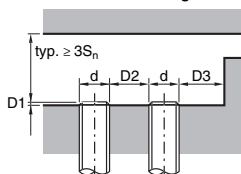
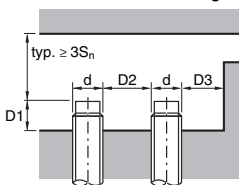
10-30V DC +	1	BR/BN
OUT	2	WS/WH
GND	3	BL/BU
not connected	4	

Specifications

Operating voltage U_B	10 ... 30VDC
Output current I_L	≤ 100mA
Switching output/function	see Sensor Types
Switching frequency f	see Sensor Types
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 ²]	
		Sensing Range S _n [mm]	Embedded	Non-Embedded	Cable 2 m	M8, 3-pole	M12, 4-pole	PNP	NPN	Make-Contact (NO)	Break-Contact (NC)	Switching Frequency f [kHz]	D1 [mm]		D2 [mm]
IS 108MM/2NO-2E0	50129926	2	*		*				*	*	3	0	8	8	8 x 8
IS 108MM/2NC-2E0	50129927	2	*		*				*	*	3	0	8	8	8 x 8
IS 108MM/4NO-2E0	50129928	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/4NO-2E0-1000	50136731	2	*		*	1)		*	*	*	3	0	8	8	8 x 8
IS 108MM/4NC-2E0	50129929	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/2NO-2E0-M8.3	50129914	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/2NC-2E0-M8.3	50129915	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/4NO-2E0-M8.3	50129916	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/4NC-2E0-M8.3	50129917	2	*		*			*	*	*	3	0	8	8	8 x 8
IS 108MM/2NO-2E0-M12	50129858	2	*		*		*	*	*	*	3	0	8	8	8 x 8
IS 108MM/2NC-2E0-M12	50129859	2	*		*		*	*	*	*	3	0	8	8	8 x 8
IS 108MM/4NO-2E0-M12	50129860	2	*		*		*	*	*	*	3	0	8	8	8 x 8
IS 108MM/4NC-2E0-M12	50129861	2	*		*		*	*	*	*	3	0	8	8	8 x 8
IS 108MM/2NO-4N0	50129922	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/2NC-4N0	50129923	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/4NO-4N0	50129924	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/4NC-4N0	50129925	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/2NO-4N0-M8.3	50129918	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/2NC-4N0-M8.3	50129919	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/4NO-4N0-M8.3	50129920	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/4NC-4N0-M8.3	50129921	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/2NO-4N0-M12	50129862	4	*	*	*			*	*	*	1	8	16	8	12 x 12
IS 108MM/2NC-4N0-M12	50129863	4	*	*	*			*	*	*	1	8	16	8	12 x 12

1) Cable length 1 m