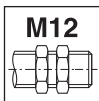
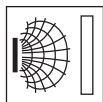


ISS 112 MM/...

Inductive switches



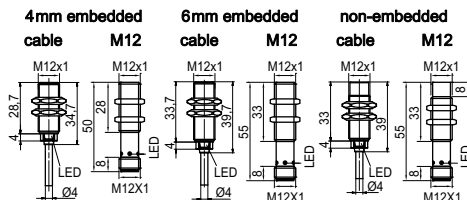
4mm embedded
6mm embedded
8mm non-embedded



Detailed
data sheets:
www.leuze.com



Dimensioned drawing



Electrical connection

cable, 3-wire

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

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	≤ 200mA
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!

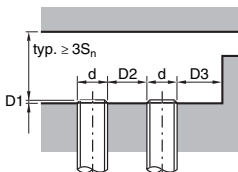
- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with the intended use.

ISS 112 MM/...

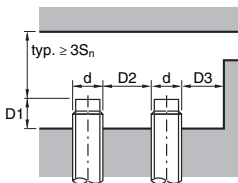
Inductive switches

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 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 112MM/2NO-4E0	50136022	4	*		*				*	*		3	1	12	12	12 x 12
ISS 112MM/2NC-4E0	50136023	4	*		*				*		*	3	1	12	12	12 x 12
ISS 112MM/4NO-4E0	50136024	4	*		*			*		*		3	1	12	12	12 x 12
ISS 112MM/4NC-4E0	50136025	4	*		*			*			*	3	1	12	12	12 x 12
ISS 112MM/2NO-4E0-M12	50136030	4	*				*		*	*		3	1	12	12	12 x 12
ISS 112MM/2NC-4E0-M12	50136031	4	*				*		*	*		3	1	12	12	12 x 12
ISS 112MM/4NO-4E0-M12	50136032	4	*				*	*		*		3	1	12	12	12 x 12
ISS 112MM/4NC-4E0-M12	50136033	4	*				*	*		*		3	1	12	12	12 x 12
ISS 112MM/2NO-6E0	50136026	6	*		*				*	*		0.8	2.5	36	12	18 x 18
ISS 112MM/2NC-6E0	50136027	6	*		*				*	*		0.8	2.5	36	12	18 x 18
ISS 112MM/4NO-6E0	50136028	6	*		*			*		*		0.8	2.5	36	12	18 x 18
ISS 112MM/4NC-6E0	50136029	6	*		*			*		*		0.8	2.5	36	12	18 x 18
ISS 112MM/2NO-6E0-M12	50136034	6	*				*		*	*		0.8	2.5	36	12	18 x 18
ISS 112MM/2NC-6E0-M12	50136035	6	*				*		*	*		0.8	2.5	36	12	18 x 18
ISS 112MM/4NO-6E0-M12	50136036	6	*				*	*		*		0.8	2.5	36	12	18 x 18
ISS 112MM/4NC-6E0-M12	50136037	6	*				*	*		*		0.8	2.5	36	12	18 x 18
ISS 112MM/2NO-8N0	50136014	8		*	*				*	*		0.5	12	24	12	24 x 24
ISS 112MM/2NC-8N0	50136015	8		*	*				*		*	0.5	12	24	12	24 x 24
ISS 112MM/4NO-8N0	50136016	8		*	*			*		*		0.5	12	24	12	24 x 24
ISS 112MM/4NC-8N0	50136017	8		*	*			*		*		0.5	12	24	12	24 x 24
ISS 112MM/2NO-8N0-M12	50136018	8		*			*		*	*		0.5	12	24	12	24 x 24
ISS 112MM/2NC-8N0-M12	50136019	8		*			*		*		*	0.5	12	24	12	24 x 24
ISS 112MM/4NO-8N0-M12	50136020	8		*			*	*		*		0.5	12	24	12	24 x 24
ISS 112MM/4NC-8N0-M12	50136021	8		*			*	*		*		0.5	12	24	12	24 x 24