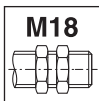
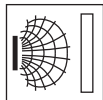


ISS 118 MM/...

Inductive switches



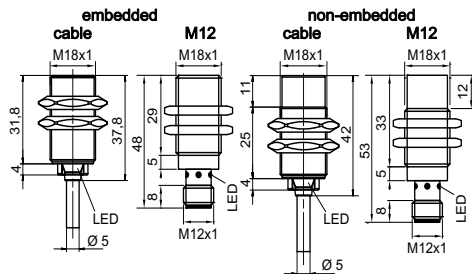
8mm embedded
16mm non-embedded



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	$\leq 200\text{mA}$
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!

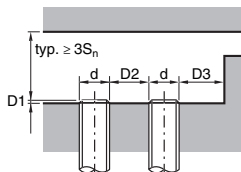
- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with the intended use.

ISS 118 MM/...

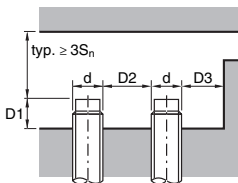
Inductive switches

Mounting

Embedded Mounting



Non-Embedded Mounting



Tightening torque of the fastening nuts
< 20 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 118MM/2NO-8E0	50136010	8	•		•			•	•			3	2.5	18	18	24 x 24
ISS 118MM/4NO-8E0	50136011	8	•		•			•	•			3	2.5	18	18	24 x 24
ISS 118MM/2NO-8E0-M12	50136012	8	•				•	•	•			3	2.5	18	18	24 x 24
ISS 118MM/4NO-8E0-M12	50136013	8	•				•	•	•			3	2.5	18	18	24 x 24
ISS 118MM/2NO-16N	50136054	16		•	•			•	•	•		0.5	25	36	18	48 x 48
ISS 118MM/4NO-16N	50136055	16		•	•			•	•	•		0.5	25	36	18	48 x 48
ISS 118MM/2NO-16N-M12	50136056	16		•			•	•	•	•		0.5	25	36	18	48 x 48
ISS 118MM/4NO-16N-M12	50136057	16		•			•	•	•	•		0.5	25	36	18	48 x 48