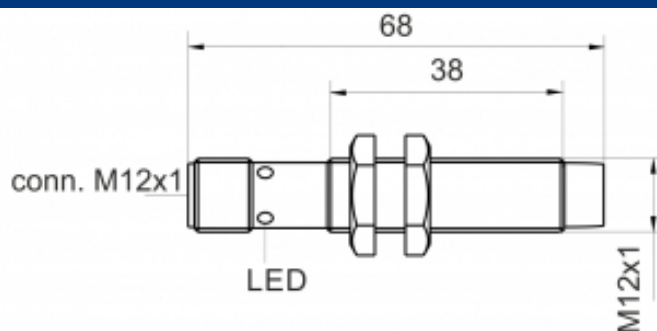


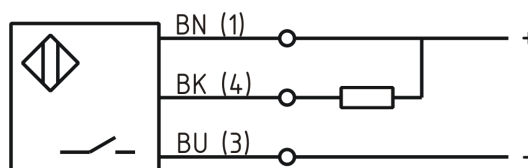
[Article Page](#)

Product Description

inductive sensor DC



Name	KJ10-M12MN68-DNS-V2
Order number	08313101232
Switching distance	10 mm
Mounting	 non shielded
Switch type	 N.O.
Signal Type	DC NPN
Connection	connector M12
Connection diagramm	



Dimension (in mm)	fine-pitch thread M12 x 68
-------------------	----------------------------

Technical Specification

Operating voltage	10 - 30 VDC
Max. ripple	$\leq 10 \%$
Voltage drop	1 V
Max. load current	200 mA
No load current	$\leq 10 \text{ mA}$
Leakage current	$\leq 10 \mu\text{A}$
Switching frequency	500 Hz
Switching hysteresis	$\leq 15 \%$
Operating temperature	-25 ° C to 70 ° C
Temperature drift	$< 10 \%$

Repeat accuracy	≤ 5 %
Switching state	LED
Time delay	300 ms
Short-circuit proof	yes
Overload protection	yes
Reverse voltage protection	yes
Protection category	IP67
EMC-level	DIN EN 60947-5-2:2008
Housing material	Brass, nickel plated
Material active face	PBT
Utilisation category	DC 13
Contact material	CuSn
Contact surface material	NiAu
Nominal operating voltage	24 V DC
Termination	Connector M12 4pin

Errors and omissions exceptet