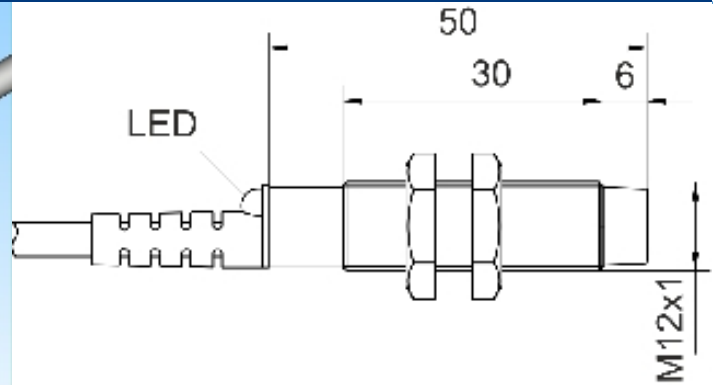
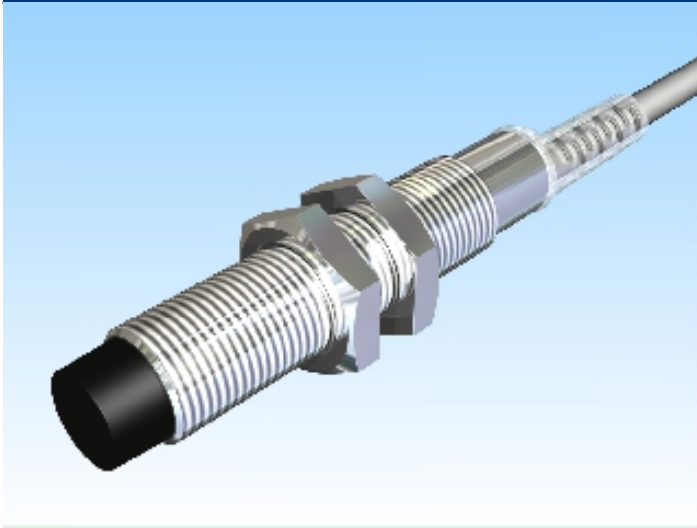


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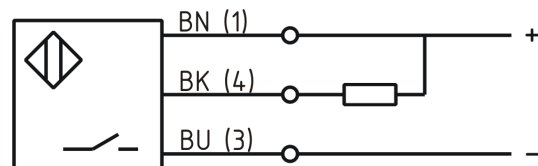
Product Description

inductive sensor DC



Name	KJ6-M12MN50-DNS
Order number	08317821300
Matchcode	9982-1300
Switching distance	6 mm
Mounting	 non shielded
Switch type	 N.O.
Signal Type	DC NPN
Connection	 Cable

Connection diagramm



Dimension (in mm)	fine-pitch thread M12 x 50
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Technical Specification

Operating voltage	10 - 30 VDC
Max. ripple	$\leq 10 \%$
Voltage drop	2,4 V
Max. load current	200 mA
No load current	$\leq 13 \text{ mA}$
Leakage current	$\leq 10 \mu\text{A}$
Switching frequency	800 Hz
Switching hysteresis	$\leq 15 \%$

Operating temperature	-25 ° C to 70 ° C
Temperature drift	≤ 10 %
Repeat accuracy	≤ 10 %
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	Pocan KU 2-7503/1 + Batch RAL 9004LS
Cable length	2 m
Utilisation category	DC 13
Cable material	PVC LIYY grau (grey)
Cable cross	3x0.34 mm ²
FIT / MTTF acc. to SIEMENS 29500	47,21 / 2418y

Errors and omissions exceptet