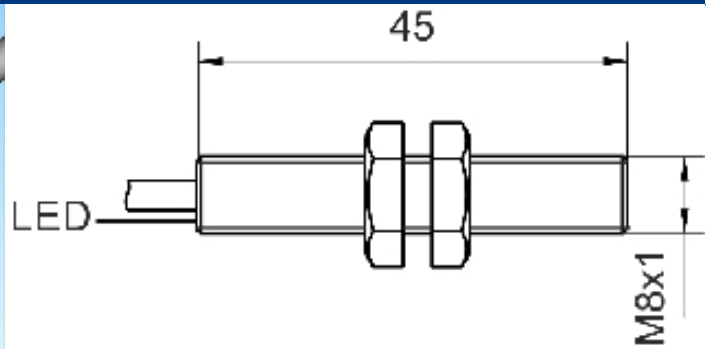


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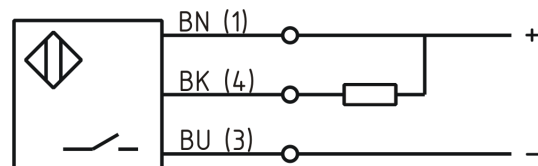
Product Description

inductive sensor DC



Name	KJ3-M8MB45-DNS
Order number	08317815100
Matchcode	9981-5100
Switching distance	3 mm
Mounting	 shielded
Switch type	 N.O.
Signal Type	DC NPN
Connection	 Cable

Connection diagramm



Dimension (in mm)	fine-pitch thread M8 x 45
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Technical Specification

Special features	quasi-shielded mounting
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	1000 Hz

Switching hysteresis	≤ 15 %
Operating temperature	-25 ° C to 70 ° C
Temperature drift	< 10 %
Repeat accuracy	≤ 2 %
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	PCP
Cable length	2 m
Utilisation category	DC 13
Cable material	PVC LIYY grau (grey)
Cable cross	3x0.14 mm ²

Errors and omissions excepted