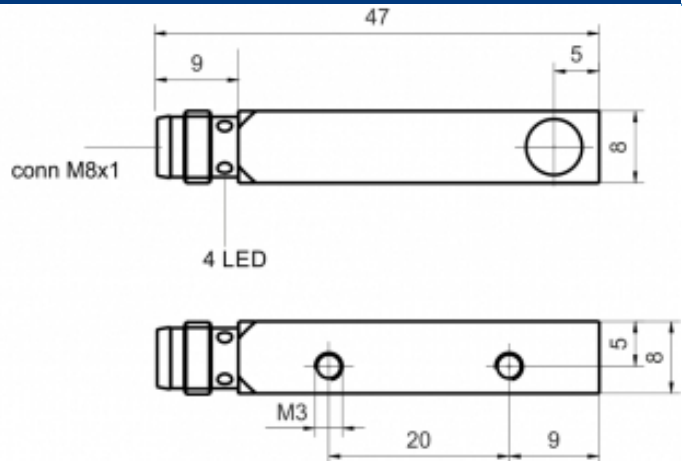


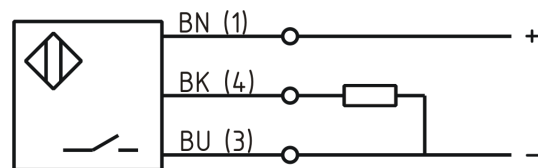
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Product Description

inductive sensor DC



Name	KJ2-Q8AB-DPS-V1
Order number	08310000509
Switching distance	2 mm
Mounting	 shielded
Switch type	 N.O.
Signal Type	DC PNP
Connection	connector M8
Connection diagramm	



Dimension (in mm)	Q 8 x 8 x 47
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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	1000 Hz
Switching hysteresis	$\leq 15 \%$
Operating temperature	-25 ° C to 70 ° C
Temperature drift	$\leq 10 \%$

Repeat accuracy	≤ 5 %
Switching state	LED
Time delay	100 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	Aluminum
Material active face	Ultramid schwarz (black)
Utilisation category	DC 13
Contact material	Cu
Contact surface material	NiAu
Termination	Connector M8 3pin
FIT / MTTF acc. to SIEMENS 29500	58,05 / 1966y

Errors and omissions exceptet