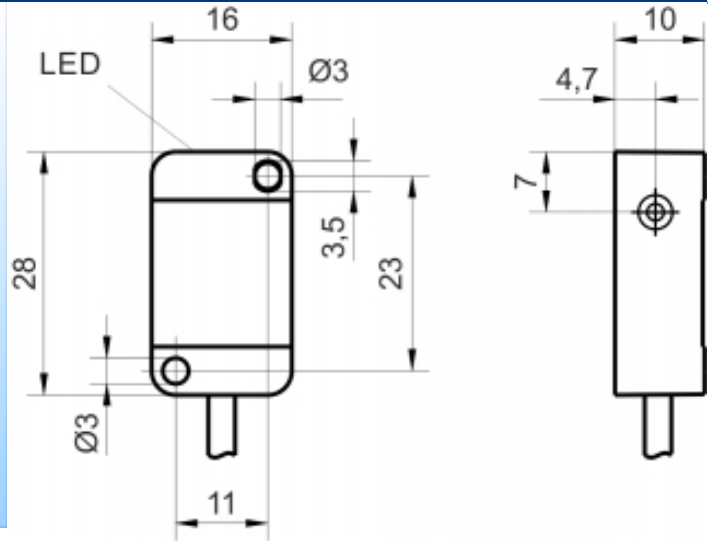





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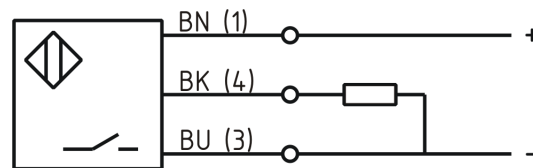
**Product Description**

**inductive sensor DC**



Name	KJ2-Q28KB-DPS
Order number	08310000042
Switching distance	2 mm
Mounting	 shielded
Switch type	 N.O.
Signal Type	DC PNP
Connection	 Cable

Connection diagramm



Dimension (in mm)	Q 28 x 10 x 16
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**Technical Specification**

Operating voltage	10 - 30 VDC
Max. ripple	≤ 10 %
Voltage drop	2,4 V
Max. load current	200 mA
No load current	≤ 13 mA
Leakage current	≤ 10 µA
Switching frequency	1000 Hz
Switching hysteresis	≤ 15 %
Operating temperature	-25 ° C to 70 ° C

Temperature drift	≤ 10 %
Repeat accuracy	≤ 5 %
Swiching 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	Plastic
Cable length	2 m
Utilisation category	DC 13
Cable material	PVC LIYY grau (grey)
Cable cross	3x0.14 mm <sup>2</sup>
FIT / MTTF acc. to SIEMENS 29500	39,89 / 2862y
Housing material	PA 6 GF30 black translucent

**Errors and omissions exceptet**