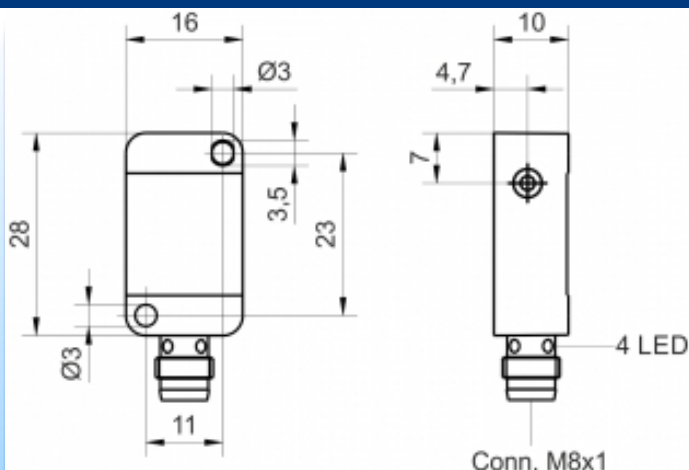
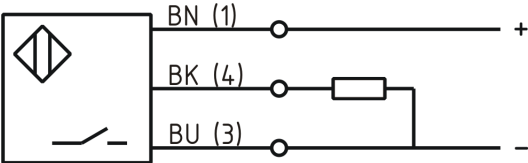


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Product Description

inductive sensor DC



Name	KJ6-Q28KN-DPS-V1
Order number	08310000100
Switching distance	6 mm
Mounting	 non shielded
Switch type	 N.O.
Signal Type	DC PNP
Connection	connector M8
Connection diagramm	

Dimension (in mm)	Q 28 x 10 x 16
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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	$\leq 10 \%$

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	Plastic
Utilisation category	DC 13
Contact material	Cu
Contact surface material	NiAu
Termination	Connector M8 3pin
FIT / MTTF acc. to SIEMENS 29500	39,89 / 2862y
Housing material	PA6 GF30 black translucent

Errors and omissions exceptet