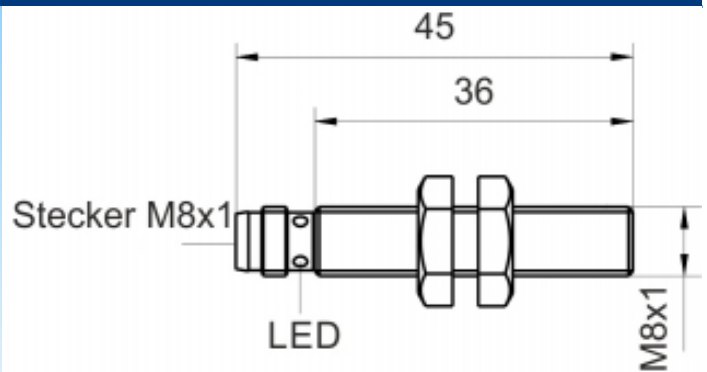


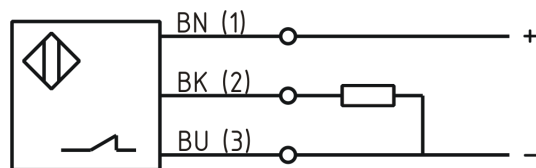
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Product Description

halleffect sensor



Name	KHD1-M8EB45-DPÖ2-V1
Order number	08330000065
Switching distance	1 mm
Mounting	 shielded
Switch type	 N.C.
Signal Type	DC PNP
Connection	connector M8
Connection diagramm	



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

Special features	hall sensor, full-metal housing 2x N.C. Output with 90° Phase shift
Operating voltage	10 - 30 V DC
Voltage drop	1,5 V
Min. load current	20 mA
Max. load current	200 mA
No load current	≤ 20 mA
Leakage current	≤ 10 mA
Switching frequency	2000 Hz
Operating temperature	-40 ° C to 80 ° C

Temperature drift	≤ 10 %
Switching state	LED
Digital output	Output 2x PNP Normally Closed 1x Nordpol, 1x Südpol
Short-circuit proof	yes
Overload protection	yes
Reverse voltage protection	yes
Protection category	IP67
EMC-level	DIN EN 60947-5-2:2008
Housing material	Stainless steel V2A
Utilisation category	DC 13
Contact material	CuSn
Contact surface material	NiAu
Nominal operating voltage	24 V DC
Termination	Connector M8 4pin
FIT / MTTF acc. to SIEMENS 29500	87,80 / 1300

Errors and omissions excepted