

Technical Data

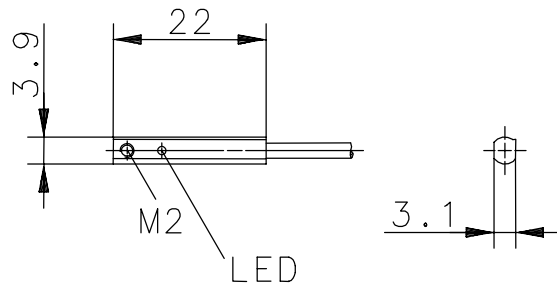
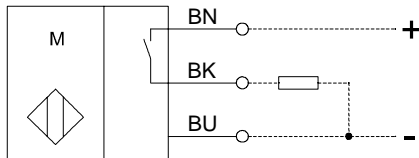
Magnetic proximity sensor

Series MA-81

Type designation **MEK-81OP2-04.2-2/KL**

Item number **6370281077**

Wiring Diagram



Magnetic characteristics

			min.	typ.	max.
Operate point	[mT]	B _{OPS}	-2,0	-3,0	-4,5
		B _{OPN}	2,0	3,5	4,5
Release point	[mT]	B _{RPS}	-0,5	-2,2	—
		B _{RPN}	—	2,7	0,5
Hysteresis	[mT]	B _{HYS}	—	0,8	—

Operating Data

Operational voltage range	U _B	10 ... 30V DC; supply reversal protection
Non-load supply current		< 20mA
Voltage drop	U _d	< 2V

Output Data

Output voltage max.	Supply voltage
Rated operational current	200mA
Output function	PNP, N.O.; 3-wire

Operating and Ambient Conditions

Ambient air temperature	-10°C ... +70°C
Protection type	IP 67 acc. to IEC 529, EN 60529
Enclosure	PA, black
Connection	Cable 3 x 0,05mm ² x 2m, PUR-Mantel, black
Indication	LED yellow, output indication / switched position

Remarks

Place aside	1 x Grubscrew M2 x 3, DIN 913
	1 x Allen wrench
	1 x Screwdriver

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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