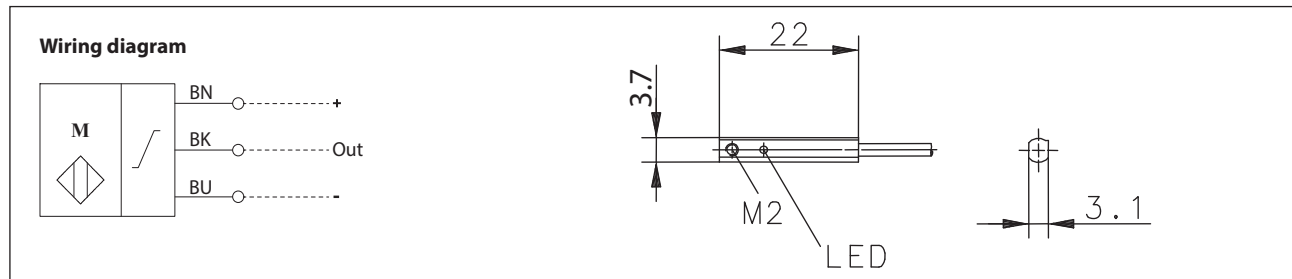


## Magnetic Sensor Series E22

Description **MEK-E22AIOL/H50-KL2**

Article number **6370081191**



### Identifying characteristics in accordance with EN 61131-9

Electrical data		
Rated operating voltage range	$U_B$	24 VDC
Output		I0 – LINK
Linearity errors		max. $\pm 10\%$ from the end value, $U_B$ and temperature at a constant level
Temperature errors		max. $\pm 2\%$ $U_B$ constant level
Repeat accuracy	R	$\leq 2\%$ from the end value, $U_B$ and temperature at a constant level
No-load supply current	$I_0$	$< 15$ mA
Serial output		Short-circuit proof
False polarity protection		yes
Magnetic field strength about traversing range		$\pm 5 - \pm 25$ mT

I0 – LINK specification		
I0 – LINK Spec V 1.1		compliant
Speed	COM 2	38400 baud
Process data output		16 bit (unsigned) [0 ... 10000] scalable
Process data input		no
Temperature range		8 bit (signed)
cycle time		10 ms
Datastorage		no

Electromagnetic compatibility (EMC)
acc. to EN 60947-5-7, EN 61131-9

<b>Mechanical data</b>	
Enclosure	PA 12, smoky topaz
Ambient air temperature	+5 °C ... + 55 °C
Type of protection	IP 67 acc. to IEC 529, EN 60529
Function indication	LED, yellow
Termination type	Cable, PUR-Outer jacket, black, 2 m
Attachment	1 x setscrew M2 x 3, DIN 913 1 x allen wrench

<b>EU Conformity</b>	
	acc. to directive 2004 / 108 / EC