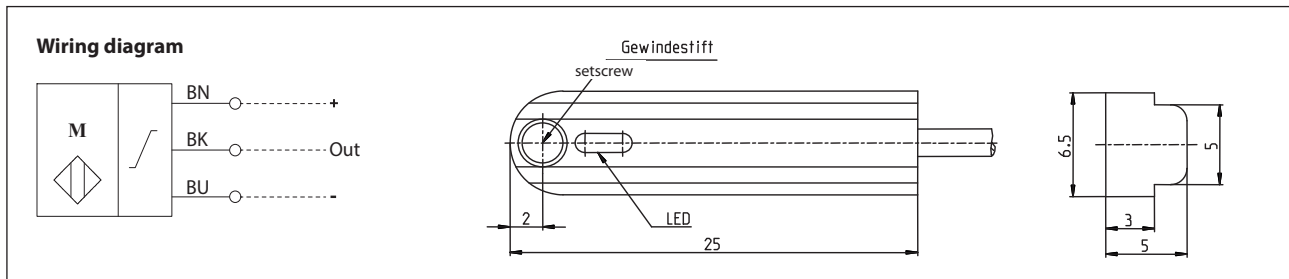


Magnetic Sensor Series E30

Description **MEA-E30AIOL/H50-KL2**

Article number **6370099193**



Identifying characteristics in accordance with DIN EN 60947-5-2

Electrical data		
Rated operating voltage range	U_B	24 V DC
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 60947-5-2, EN 61131-9

Mechanical data	
Enclosure	AlMgSi0,5 (aluminium)
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 3 x 0,5 mm ² x 2 m ± 5 %, PUR-Outer jacket, black
Attachment	1 x setscrew M3 x 6, DIN 913

EU Conformity	
	acc. to directive 2014/30/EU (EMC-Directive)