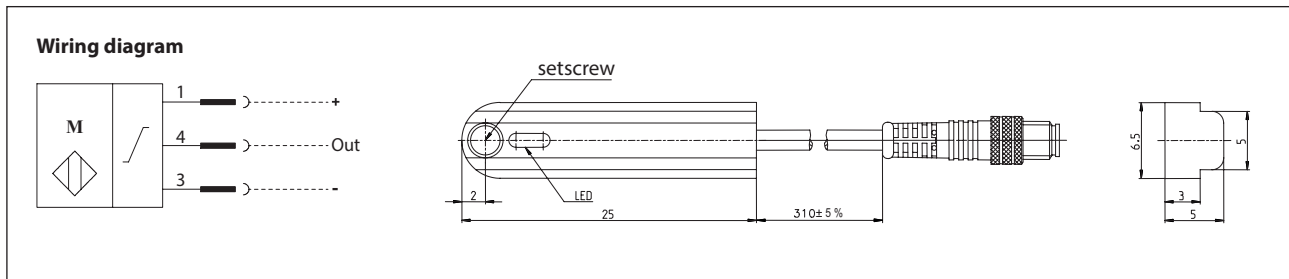


Magnetic Sensor Series E30

Description **MEA-E30A10/H50-KL0,3S8**

Article number **6370099169**



Identifying characteristics in accordance with EN 60947-5-7

Electrical data	
Rated operating voltage range	U_B 15 - 30 VDC
Voltage output	0 - 10 V
Linearity errors	max. $\pm 10\%$ from the end value (10 V), U_B and temperature at a constant level
Temperature errors	max. $\pm 2\%$ U_B constant level
Magnetic sensitivity	50 mV / mT (max. ± 30 mT)
Repeat accuracy	R $\leq 2\%$ from the end value (10 V), U_B and temperature at a constant level
No-load supply current	I_0 < 15 mA
Utilization category	DC 12
Residual ripple	$\leq 2\%$ V_{SS}
Analogue output	permanently short-circuit and overload protected
Sample frequency	f 400 Hz
Response time for switching on	below 50 ms
Min. load resistance	10 k Ω (24 V DC)
Mounting	from side into a T-Groove
False polarity protection	yes

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

Mechanical data	
Enclosure	AlMgSi0,5 (aluminium)
Ambient air temperature	+5 °C ... + 55 °C
Type of protection	IP 67 acc. to IEC 529, EN 60529 (only in fully locked position with it's plugs)
Function indication	LED, yellow
Termination type	Cable, PUR-Outer jacket, grey, shielded; with male connector M8
Attachment	1 x setscrew M2 x 3, DIN 913 1 x allen wrench 1 x magnetic programming tool

EU Conformity
acc. to directive 2004 / 108 / EC