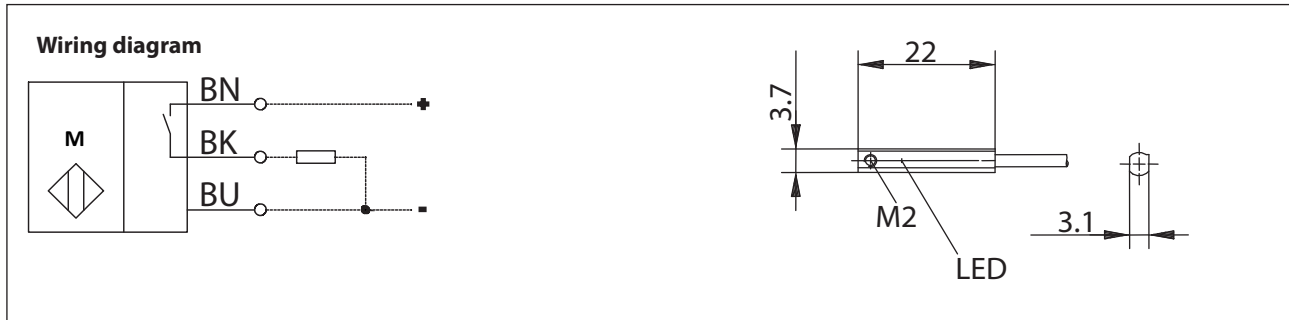


Electronic Magnetic Sensors Series E22

Description **MEK-E22PS/HP1-KL2**

Article number **6372281179**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Magnetic sensitivity		Factory setting 3 mT (south activated) adjustable 0,8 mT ... 27 mT (north / south activated)
Switching element function		DC, N.O., open collector
Repeat accuracy	R	≤ 0,1 mT (constant U_B and ambient air temperature)
Differential travel (hysteresis)	H	0,8 mT
Operational voltage range	U_B	10 – 30 V DC
Rated insulation voltage	U_i	75 V DC
Voltage drop	U_d	< 2 V @ 50 mA
Utilization category		DC-12
Rated operational current	I_e	≤ 50 mA
Leakage current		< 25 μ A
No-load supply current	I_o	< 10 mA (not actuated)
Switching element		Hall
Short-circuit protection		pulsed
Mounting		from side or top into a C-Groove
False polarity protection		yes

Electromagnetic compatibility (EMC)	
Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test (Burst)	IEC 61000-4-4
Conducted disturbances, induced by high frequency electromagnetic fields	IEC 61000-4-6
Radiated disturbance field strength	EN 55011

Mechanical data	
Enclosure	PA12, topaz
Ambient air temperature	-20 °C ... +80 °C (cable fixed mounted)
Type of protection	IP 67 acc. to IEC 529, EN 60529
Function indication	LED yellow, output indication / output activated
Termination type	Cable 3 x 0,05 mm ² x 2 m ± 5 %, PUR-Outer jacket
Attachment	1 x setscrew M2 x 3, DIN913
	1 x allen wrench
	1 x magnetic programming tool

EU Conformity	
	acc. to directive 2014/30/EU