

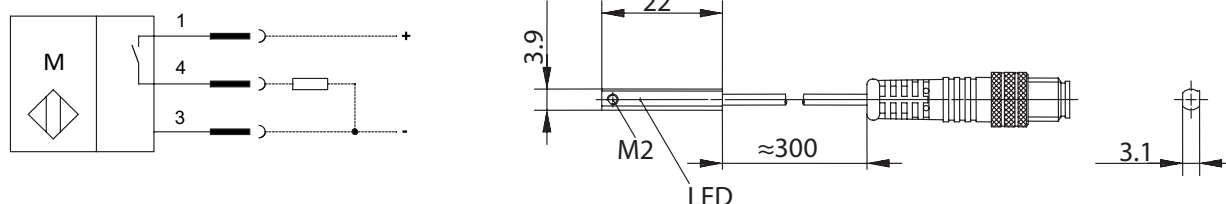
Electronic Magnetic Sensors

Series E22

Description **MEK-E22PS/H03-KL0,3S8**

Article number **6372281172**

Wiring diagram



Identifying characteristics in accordance with EN 60947-5-2

Electrical data

Magnetic sensitivity		3 mT (south switching)
Switching element function		DC, N.O., open collector
Repeat accuracy	R	≤ 0,1 mT (constant U_B and ambient air temperature)
Max. frequency of operating cycles	f	10 Hz
Differential travel (hysteresis)	H	0,8 mT
Operational voltage range	U_B	8 – 30 V DC
Rated insulation voltage	U_i	75 V DC
Voltage drop	U_d	< 2,5 V @ 150 mA
Utilization category		DC-12
Rated operational current	I_e	≤ 150 mA
Leakage current		< 100 μ A
No-load supply current	I_o	< 5 mA (not actuated)
Switching element		Hall
Short-circuit protection		yes
Mounting		from side or top into a C-Groove
False polarity protection		yes

Mechanical data

Enclosure	PA12, topaz
Ambient air temperature	–20 °C ... +80 °C (cable fixed mounted)
Type of protection	IP 67 acc. to EN 60529 (only in fully locked position with it's plugs)
Function indication	LED yellow, output indication / output activated
Termination type	Cable 0,3 m ± 5 %, PUR - Outer jacket, with plug connector M8
Attachment	1 x setscrew M2 x 3, DIN913, 1 x allen wrench

EU Conformity

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