

Data sheet

Commercial Art.No.: R1.100.0129.0

magnet switch set SMA 0129

safety switch and magnet, manipulation safe, rectangle-shaped design,dimensions
LxWxH: 36x26x13mm, normally open / normally open contact,protection category:
IP67, connector: M8



certificates / approvals



Technical data

general

suitable for safety functions	yes
housing material	plastic
switching distance	0.5 mm
number of protected contact energized outputs	2
type of electric connection	connector M8
construction type housing	cuboid
protected switch distance ON	8 mm
protected switch distance OFF	17 mm
cross-/short circuit identification possible	yes
degree of protection (IP)	IP67
type of actuation	magnet

safety parameters

category (ISO 13849-1)	4
PL (ISO 13849-1)	Level e
SIL _{CL} (IEC 62061)	3
HFT	1
T _M	20 a

output circuit

max. output current at protected output	200 mA
min. output current	5 mA
min. rated supply voltage at DC	5 V
max. rated supply voltage at DC	48 V

other

voltage type	DC
number of protected semiconductor outputs	0

type of switch output	other
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dimensions

width sensor	26 mm
height of sensor	13 mm
length of sensor	36 mm

classification

ECLASS 11	
ECLASS 8.1	27270105
ETIM 9.0	EC002544
ETIM 8.0	EC002544
ETIM 7.0	EC002544
ETIM 6.0	EC002544
ETIM 5.0	EC002544
ETIM 4.0	EC002544

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant