SMT-8M-A-PS-24V-E-0,3-M12



proximity sensor

Betyg: Inte betygsatt ännu
Pris

Ställ en fråga om denna produkt

Beskrivning

Properties

Design For T-slot

Based on standard EN 60947-5-2

Permission RCM mark

c UL us - Listed (OL)

CE certificate (see declaration of conformity) acc. to EU-EMV Directive

acc. to EU-RoHS Directive

KC-mark KC-EMV

Special features Oil resistant

Material information halogen free

Copper and PTFE-free

RoHs compliant

Measured parameter Position

Measurement principle Magnetoresistive

ambient temperature [°C] -40 to 85

Repeatability [mm] 0,2

Control output PNP

Switching element function NO contact

Switch on time [ms] <= 1,3 ms

Switch off time [ms] <= 1,4 ms

Max. switching frequency [Hz] 180

Max. output current [mA] 100

Max. output current in fastening sets [mA] 100

Max. switching capacity DC [W] 2,8

Max. switching capacity DC in fastening sets [W] 2,8

Voltage drop [V] < 1,5 V

Short circuit resistance yes

Overload resistant Available

Rated operating voltage DC [V] 24

Operating voltage range DC [V] 5 to 30

Reverse polarity protection for all electrical connections

Electrical connection 1, connection type Cable with plug

Electrical connection 1, connection technology M12x1 A coded to EN 61076-2-101

Electrical connection 1, number of pins / wires 3

Electrical connection 1, fastening type Screw lock

Connection outlet direction along

Test conditions line Bending radius strength to Festo standard

Cable track: 5 million cycles, bending radius 28 mm

Test conditions on request

Torsional strength > 300,000 cycles, ±270°/0.1 m

Cable length [MTR] 0,3

Line properties Cable track+robot

Cable shield colour Grey

Cable sleeve material TPE-U(PUR)

Fastening type Insertable from above into the slot

Permanently screwed

Max. tightening torque [Nm] 0,6

installation position arbitrary

Product weight [g] 15,9

Housing colour black

Housing material High-alloyed stainless steels

PA reinforced

brass nickel-plated

Switching status indicator LED yellow

Functional reserve display LED orange

Ambient temperature for moving cable placements [°C] -20 to 85

Protection category IP65

IP68

IP69K