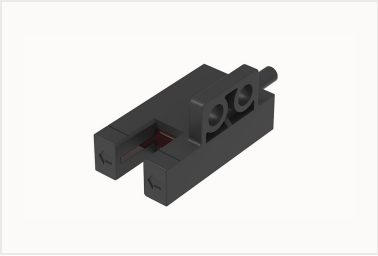
Overview

Product information



Slot sensor DSF-302NA-SE-30160000032

Output mode: NPN open collector, Repeatability: 0.01mm, Indicator: Red LED, Switching mode: L.on (light-on action)/D.on (light-off action) Switchable light source: Infrared LED, 940nm

Product advantages

☑ Normally open/normally closed output, convenient for wiring
☑ Slot depth 8.5mm, to prevent the detected object from hitting the bottom of the slot to the greatest extent

Product certification

Technical data

Product drawing

3D model

Electrical data

Switch mode	L.on (light-incoming action) / D.on (light-blocking action) switchable
Output mode	NPN open collector
Response time	≤0.33ms
Switching frequency	3kHz
Operating voltage	5~24V DC
Current consumption	≤20mA
Residual voltage	1.5V or less (load current 100mA, wire length 2m
Load current	≤100mA (24VDC)
Insulation resistance	≥20MΩ (250VDC)

Pressure resistance	AC, 1000V 1 minute, between all power connection terminals and the housing
Protection circuit	Reverse polarity protection/surge protection

Environmental parameters

Storage temperature	-30~80℃
Working environment humidity	5~85%RH (no condensation)
Storage humidity	5~95%RH (no condensation)
Ambient illumination	Incandescent lamp ≤1000 Lux
Vibration resistance	10~55Hz, 0.5mm amplitude, 2 hours in each of the three directions of X, Y and Z
Protection level	IP50
Operating temperature	-25~55℃

Basic parameters

How it works	Photoelectric sensors
Shell style	Type F
Optical working principle	Shooting
Detection distance	5.0mm
Light source	Infrared LED, 940nm
Indicator lights	Red LED

Mechanical parameters

Connection	2m/4-core cable
Size	26x14.2x13.7mm
Weight	0.025kg
Material	PC

Accessories

Business data

Order number	30160000032
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	0.025kg