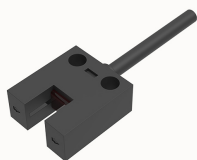


Overview

Product information



Micro slot sensor DSU-201NA-E-30160000030

Output mode: NPN open collector, Repeatability: <0.03mm, Indicator: Red LED,
Switching mode: L.on (light-on action)/D.on (light-off action) switchable, Light
source: Infrared LED, 940nm

Product advantages

- ☑ Newly developed product, super cost-effective
- ☑ Derived from advanced Japanese technology, excellent performance
- ☑ Groove depth of 6.5mm, effectively preventing the object being tested from hitting the bottom of the groove

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	6.06kHz
Operating voltage	5~24V DC
Current consumption	≤16mA
Residual voltage	1V or less (load current 50mA)
Load current	≤100mA (24VDC)
Insulation resistance	≥20MΩ (250VDC)

Pressure resistance	1000VAC (50/60Hz)
Protection circuit	Reverse polarity protection/surge protection/short circuit protection

Environmental parameters

Storage temperature	-30~80℃ (no freezing)
Working environment humidity	5~85%RH (no condensation)
Storage humidity	5~95%RH (no condensation)
Ambient illumination	Incandescent lamp ≤ 1000 Lux; LED lamp ≤ 1000 Lux; Sunlight ≤ 10000 Lux
Vibration resistance	10~55Hz, 1.5mm amplitude, 2 hours each in X, Y, and Z directions
Protection level	IP50
Operating temperature	-25~55℃ (no freezing)

Basic parameters

How it works	Photoelectric sensors
Shell style	U-Shape
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	6.6x14.0x15.9mm
Weight	0.025kg
Material	ABS

Accessories

Business data	
Order number	30160000030
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	0.025kg