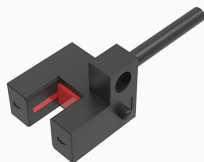


Overview

Product information



Micro slot sensor DSF-202NA-E-30160000028

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	6.006kHz
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	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	15.5x14.7x12.3mm
Weight	0.023kg
Material	ABS

Accessories

Business data	
Order number	30160000028
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	0.023kg