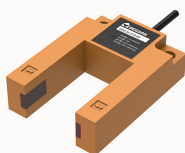


Overview

Product information



Wide slot sensor DSE30-0304N-30160000056

Output mode: NPN open collector, Repeatability: <0.03mm, Indicator: Output function: Yellow LED, Switching mode: L.on (light-incoming action)/D.on (light-shielding action) Switchable light source: Infrared LED, 940nm (modulation)

Product advantages

- ☒ NPN and PNP outputs can be switched freely
- ☒ Laser and infrared light sources are provided for different needs
- ☒ Slot width 30 50 80 120mm

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	1ms
Switching frequency	2kHz
Operating voltage	12~24V DC±10%
Current consumption	≤15mA
Residual voltage	≤2.5V (100mA)
Load current	≤100mA (24VDC)
Insulation resistance	≥50MΩ (500VDC)

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

Environmental parameters

Storage temperature	-25~80℃ (no freezing)
Working environment humidity	35~85%RH (no condensation)
Storage humidity	35~95%RH (no condensation)
Ambient illumination	Incandescent lamp ≤500 Lux
Vibration resistance	10~55Hz, 1.5mm amplitude, 2 hours each in X, Y, and Z directions
Protection level	IP60
Operating temperature	-15~55℃ (no freezing)

Basic parameters

How it works	Photoelectric sensors
Shell style	U-Shape
Optical working principle	Shooting
Detection distance	30mm
Light source	Infrared LED, 940nm (modulated)
Indicator lights	Output function: Yellow LED

Mechanical parameters

Connection	2m/4-core cable
Size	52.0x20.2x72.0mm
Weight	0.065kg/0.019kg
Material	ABS

Accessories

Business data

Order number	30160000056
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	0.065kg/0.019kg