

SICK GRL18SG-P233Z | GR18 CYLINDRICAL PHOTOELECTRIC SENSORS

Our Product Introduction

for more products please visit us on achieversinstruments.com

Basic Information

- Place of Origin: Germany
- Brand Name: SICK
- Model Number: GRL18SG-P233Z
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Functional Principle Detail: Dual Lens
- Dimensions (W X H X D): 18 Mm X 18 Mm X 38.1 Mm
- Housing Design (light Emission): Cylindrical
- Thread Diameter (housing): M18 X 1
- Sensing Range Max.: 0.03 M ... 7.2 M
- Wave Length: 650 Mm
- Adjustment: Potentiometer, 270°
- Ripple: < 5 Vpp



More Images



Product Description

SICK GRL18SG-P233Z | GR18 CYLINDRICAL PHOTOELECTRIC SENSORS

Product Overview

Manufacturer : SICK Sensors

Part Number : GRL18SG-P233Z

Functional principle : Photoelectric retro-reflective sensor

Functional principle detail : Dual lens

Dimensions (W x H x D) : 18 mm x 18 mm x 38.1 mm

Housing design (light emission) : Cylindrical

Thread diameter (housing) : M18 x 1

Optical axis : Axial, fully flush

Sensing range max. : 0.03 m ... 7.2 m

Sensing range : 0.06 m ... 6 m

Type of light : Visible red light

Light source : PinPoint LED

Light spot size (distance) : Ø 175 mm (7 m)

Wave length : 650 nm

Adjustment : Potentiometer, 270°

Supply voltage : UB 10 V DC ... 30 V DC

Ripple : < 5 Vpp

Current consumption : 30 mA

Switching output : PNP

Switching mode : Light Switching

Signal voltage NPN HIGH/LOW : VS - (≤ 3 V) / approx. 0 V

Output current I_{max.} : ≤ 100 mA

Response time : < 500 μ s

Switching frequency : 1000 Hz

Connection type : Connector M12, 3-pin

Circuit protection : A, B, D

Protection class : III

Housing material : Metal, Nickel-plated brass and ABS

Optics material : Plastic, PMMA

Enclosure rating : IP67



Achievers Automation Limited

☎ 13828861501

✉ joanna@achieversautomation.com

🌐 achieversinstruments.com

RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG