

GRL18S-F2336 0.25mm² SICK Instruments GR18 Cylindrical Photoelectric Sensors

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: SICK
- Model Number: GRL18S-F2336
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Optical Axis: Axial
- Sensing Range Max.: 0.03 M ... 7.2 M (1)
- Sensing Range: 0.06 M ... 6 M (1)
- Type Of Light: Visible Red Light
- No Load Current: ≤ 10 MA
- Cable Material: PVC
- Conductor Size: 0.25 Mm²
- Response Time: < 500 μs (4)
- Highlight: **0.25mm² SICK Instruments, SICK Instruments GR18, 0.25mm² Cylindrical Photoelectric Sensors**



More Images



Product Description

SICK GRL18S-F2336 | GR18 CYLINDRICAL PHOTOELECTRIC SENSORS

Features

Supply voltage UB	10 V DC ... 30 V DC 1)
Ripple	< 5 Vpp2)
Current consumption	30 mA
Switching output	PNP
Switching mode	Dark switching
Signal voltage PNP HIGH/LOW	VS - (≤ 3 V) / approx. 0 V
Output current I _{max} .	≤ 100 mA 3)
Response time	< 500 μ s 4)
Switching frequency	1,000 Hz 5)
Connection type	Connector M12, 3-pin
Circuit protection	A 6) B 7) D 8)
Protection class	III
Polarisation filter	✓
Housing material	Plastic, ABS
Optics material	Plastic, PMMA
Enclosure rating	IP67
Items supplied	Fastening nuts (2 x)
Electromagnetic compatibility (EMC)	EN 60947-5-2
Ambient operating temperature	-25 °C ... +55 °C 9)
Ambient temperature, storage	-40 °C ... +70 °C
UL File No.	NRKH.E348498 & NRKH7.E348498

1) Limit values. Operated in short-circuit protected network: max. 8 A.

2) May not fall below or exceed UV tolerances.

3) At $U_v > 24$ V or ambient temperature > 49 °C, I_A max. = 50 mA.

4) Signal transit time with resistive load.

5) With light/dark ratio 1:1.

6) A = VS connections reverse-polarity protected.

7) B = inputs and output reverse-polarity protected.

8) D = outputs overcurrent and short-circuit protected.

9) At $U_v \leq 24$ V and I_A < 50 mA.





Achievers Automation Limited



13828861501



joanna@achieversautomation.com



achieversinstruments.com

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