



15mA Pepperl Fuchs Safety Barrier GL20 IR 32 40a 98a Sturdy Alu Housing Photoelectric Slot Sensor

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: GL20-IR/32/40a/98a
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Manufacturer: PEPPERL FUCHS
- Product No: GL20-IR/32/40a/98a
- Ripple: 10 %
- No-load Supply Current: ≤ 15 MA
- Switching Type: Light/dark On
- Short-circuit Protection: Yes
- Switching Voltage: Max. 30 V DC
- Highlight: **15mA Pepperl Fuchs Safety Barrier, Pepperl Fuchs Safety Barrier, Alu Housing Photoelectric Slot Sensor**



More Images



Product Description

PEPPERL FUCHS GL20-IR/32/40a/98a Sturdy Aluminum Housing Photoelectric Slot Sensor

General specifications

Light source IRED

Light type modulated infrared light

Tests EN 60947-5-2

Target size 0.3 mm

Slot width 20 mm

Slot depth 17 mm

Ambient light limit 100000 Lux

Functional safety related parameters

MTTFd 1290 a

Mission Time (TM) 20 a

Diagnostic Coverage (DC) 0 %

Indicators/operating means

Function indicator LED red in connector

Control elements Sensitivity adjuster, light/dark switch

Electrical specifications

Operating voltage 10 ... 30 V DC, class 2

Ripple 10 %

No-load supply current ≤ 15 mA

Output

Switching type light/dark on

Signal output 1 PNP, short-circuit protected, open collector

Switching voltage max. 30 V DC

Switching current max. 100 mA

Repeat accuracy 0.05 mm

Switching frequency 2 kHz

Response time ≤ 250 μ s

Conformity

Product standard EN 60947-5-2

Approvals and certificates

CE conformity CE

UL approval cULus

CCC approval CCC approval / marking not required for products rated ≤ 36 V

Ambient conditions

Ambient temperature -20 ... 60 °C (-4 ... 140 °F)

Storage temperature -20 ... 75 °C (-4 ... 167 °F)

Mechanical specifications

Degree of protection IP67

Connection M8 connector, 3-pin

Material

Housing anodized aluminum

Optical face glass

Mass 25 g

Dimensions

Height 40 mm

Width 10 mm

Length 46 mm





13828861501



joanna@achieversautomation.com



achieversinstruments.com

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