

A0034 Diffuse photoelectric sensor



Order by 2 pm - Shipping on the same working day

25,93 € offline price 27,44 €

Incl. 5.5% online discount for online orders

Overview

- Diffuse reflection sensor in rectangular design with M8 connector (4-pin)
- Sensing range 2...400 mm
- Light-on/dark-on mode programmable
- No background suppression
- Protection rating IP67

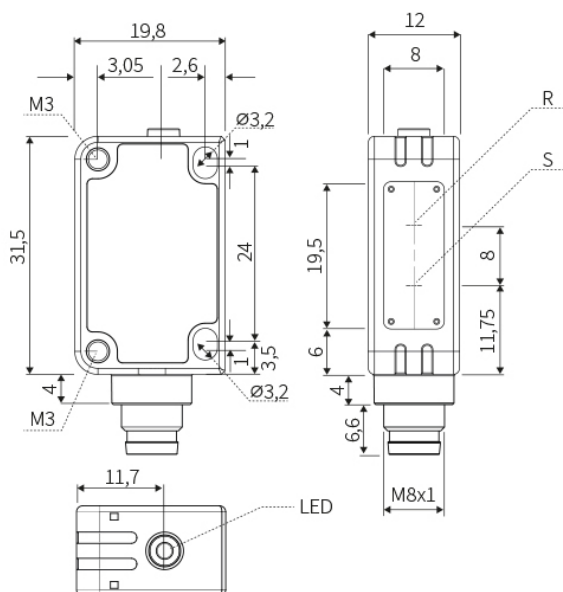
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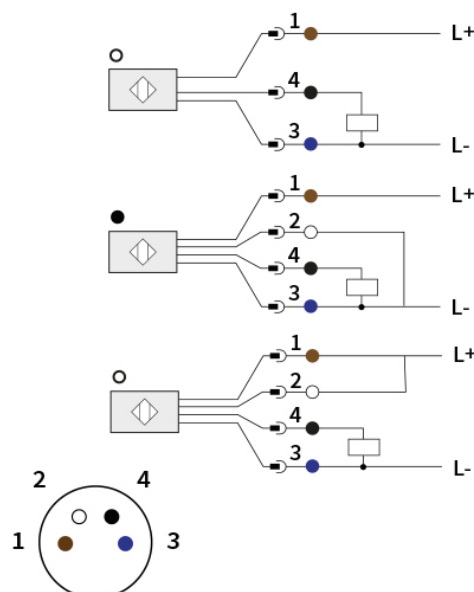
In daily use - proven millions of times over. Products from autosen are under highest quality requirements regarding robustness, insensitivity and reliability.

We offer 5 years warranty - with money-back guarantee!

Dimensional drawing



Connection & pin assignment



General information

Parametrisation options	Normally open / Normally closed
Sensor type	Diffuse reflection sensor
Background suppression	No
Switching frequency	500Hz
Type of light	Red light
Switching distance	2...400 mm*
Comment	*With regard to white paper 200x200 mm, 90% diffuse reflectance

Outputs / inputs

Switching output	Light/dark switching programmable
IO-Link	No

Electrical data

Operating voltage	10 ... 30 V DC
Voltage type	Direct voltage (DC)
Electrical design	PNP
Current carrying capacity max.	100mA
Voltage drop max.	2V
Current consumption max.	30mA
Protection class	III
Short-circuit protection	Yes
Overload-proof	Yes
Reverse polarity protection	Yes

Mechanical data

Structural shape	Cuboid
Material of housing	ABS
Material of active surface	PMMA
Electrical connection	M8 4-pin

Ambient conditions

Ambient temperature min.	-25°C
Ambient temperature max.	70°C
Protection rating	IP67



Additional information

MTTF	433years
Function display	Switching status: LED, yellow
	Operation: LED, green
Accessories included with delivery	No accessories included
Approval	CE
	cULus
	UKCA

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+49 (0) 201/749 189 21
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autosen gmbh • Annastraße 41 • 45130 Essen
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We reserve the right to make technical changes without notice -
1/16/2026



Accessories: Angle bracket



AA907
Angle bracket

Unit price: 7,60 €*

Accessories: Switching amplifier / evaluation



AN001
One-channel switching amplifier

Unit price: 80,86 €*



AR003
Speed monitor

Unit price: 139,23 €*

Accessories: M8/M12 connection cable | 4-pin | PUR | IP69K



AA208
Connection cable M8/M12 4P
PUR 2m IP69K

Unit price: 14,47 €*

Accessories: M8 sensor cable | 4-pin | PVC | IP69K



AA030
Sensor cable M8 4P PVC 10m
IP69K

Unit price: 15,72 €*



AA016
Sensor cable M8 4P PVC 5m
IP69K

Unit price: 13,03 €*



AA015
Sensor cable M8 4P PVC 2m
IP69K

Unit price: 10,99 €*



AA029
Sensor cable M8 4P PVC 10m
IP69K

Unit price: 15,72 €*



AA014
Sensor cable M8 4P PVC 5m
IP69K

Unit price: 13,03 €*



AA013
Sensor cable M8 4P PVC 2m
IP69K

Unit price: 10,99 €*

