

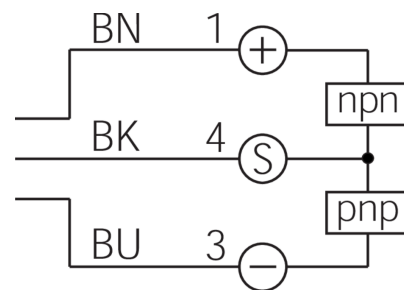
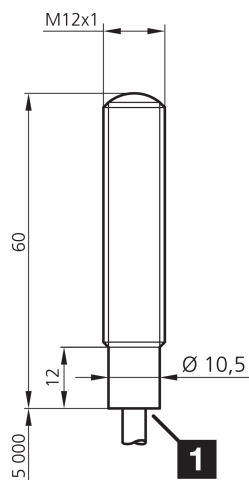


204162

OEP 12 V 20000 G1L-5M

High performance light barrier, receiver

- Range up to 20 m
- Integrated amplifier electronics
- Transistor output with push-pull
- High function reserve
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combined
- High protection type
- Compact design



1) LED

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 35 V DC
No-load current (max.)	40 mA

Mechanical features

Thread	M12 x 1
Housing length	60 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material of cable	PVC

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	Through-beam sensor, receiver
Evaluation	digital
Design	Thread
Characteristics	High transmit power and dirt penetration
Consisting of	Receiver

Output, input, interface

Switching output	Push-pull, 200 mA, NC (pnp) / NO (npn)
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Optical data

Ambient light immunity

15 kLx Sunlight, 2 kLx Clocked light

Detection range, measuring range, tolerance limits

Range

0 ... 20000 mm (dependent on the transmitter)

Display, operation

Sensitivity adjustment

no setting elements

Time behavior

Switching frequency

150 Hz

Ambient conditions

Shock/vibration load

30 g, 11 ms / 10 ... 55 Hz, 2.0 mm

Ambient temperature during operation

-20 ... +60 °C

Protection type

IP 67 / IP 68 / IP 69K

Electrical connection

Connection

Cable, 5.0 m

More information / accessories
<https://www.di-soric.com/204162>