

## OG03C612

### Optical sensors • Forked light barriers

sensor optical, fork, 32x18x52mm, fork width 3mm, 5V DC, 1x NPN NO (NO), AMP-connector 4pin 0.6m, Other, Aluminum+Glass, Infrared light, 0.02kHz



#### Electrical features

Number of switching outputs	1
Type of the forked light barrier	Standard
Type of switching function	Normally open contact (NO)
Type of electrical connection	AMP connector
Type of switching output	NPN
Rated switching current	25mA
No-load current	25mA
Number of pins	4
Switching frequency	20Hz
Protection class	III
Scanning function	Light switching
Output version	Dynamic
Operating voltage (DC)	5V

#### Mechanical features

Design	Cuboid
Fork light barrier design	Furcate
Width	52mm
Fork depth	37mm
Fork width	3mm
Height	32mm
Cable length	0.6m
Length	18mm
Active area material of sensor	glass
Housing material	Aluminum
Ambient temperature	-5 - 40°C

#### Optical features

Light source	Infrared light
--------------	----------------

## Other features

Features	Print-mark recognition
Ambient temperature	-5 - 40°C

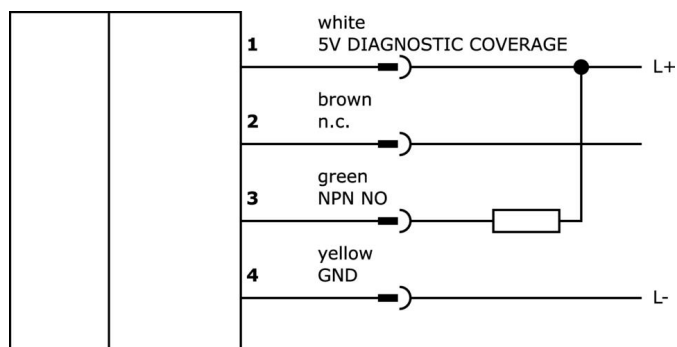
## Classification

ETIM 8	EC002720 Fork light barrier
--------	-----------------------------

## More

IPF Product Group	110 fork / angular light barriers
packaging dimensions	123 x 77 x 25 mm
gross weight	80 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

## Connection



## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website [www.ipf-electronic.com](http://www.ipf-electronic.com).