

OG991239**OPTICAL SENSORS • FORK LIGHT BARRIERS**

Special design of through-beam sensor. Transmitter and receiver are located in the fork or angular limbs and are perfectly aligned to each other.

MECHANICAL DATA

Fork depth	13.5 mm
Fork light barrier design	Furcate
Fork width	10 mm
Housing design	Cuboid
Sensor height	24 mm
Sensor length	6 mm
Sensor width	27.5 mm

ELECTRICAL DATA

Analogue output 0 V ... 10 V	No
Analogue output -10 V ... +10 V	No
Analogue output 4 mA ... 20 mA	No
Decay time	0.1 ms
Max. output current	100 mA
Max. switching distance	10 mm
Number of pins	5
Operating voltage	12 V ... 30 V
Rated control supply voltage U_s at DC	12 V ... 30 V
Response time	0.1 ms
Scanning function	Light switching
Suitable for safety functions	No
Switching frequency	5000 Hz
Type of electrical connection	Plug-in connection
Type of switching function	Breaker contact (NC)
Type of switching output	PNP/NPN
Type of the forked light barrier	Standard
Voltage type	DC
With monitoring function of downstream devices	No
With other analog output	No
With restart lock	No

OPTICAL DATA

Light source

Polarity free red light

OTHER DATA

Feeding technology

Yes

DIMENSIONAL DRAWING**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!