

OG991186

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

Ambient temperature	0 °C ... 70 °C
Fork depth	50 mm
Fork light barrier design	Furcate
Fork width	21 mm
Housing design	Cuboid
Housing material	Aluminium
Reflector included in the scope of delivery	No
Sensor height	70 mm
Sensor length	76 mm
Sensor width	66 mm

ELECTRICAL DATA

Analogue output 0 mA ... 20 mA	No
Analogue output 0 V ... 10 V	No
Analogue output -10 V ... +10 V	No
Analogue output 4 mA ... 20 mA	No
Max. output current	80 mA
Max. switching distance	18 mm
Number of pins	3
Operating voltage	24 V ... 24 V
Pre-failure message	No
Rated control supply voltage U_s at DC	24 V ... 24 V
Reverse polarity protection	Yes
Scanning function	Light switching
Setting procedure	Manual adjustment
Short-circuit-proof	Yes
Suitable for safety functions	No
Type of electrical connection	Cable
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Type of the forked light barrier	Standard

ELECTRICAL DATA

Voltage type	DC
With communication interface, analog	No
With communication interface, AS-Interface	No
With communication interface, CANOpen	No
With communication interface, DeviceNet	No
With communication interface, Ethernet	No
With communication interface, INTERBUS	No
With communication interface, PROFIBUS	No
With communication interface, RS-232	No
With communication interface, RS-422	No
With communication interface, RS-485	No
With communication interface, SSD	No
With communication interface, SSI	No
With monitoring function of downstream devices	No
With other analog output	No
With restart lock	No
With time function	No

OTHER DATA

Feeding technology	Yes
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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!