

OE106001

High performance light barriers • Receiver unamplified

High-power photoelectric sensor receiver, Ø10mm 45long, standard design, connection to amplifier, cable tail 2-pin 5m PVC, IP67, plastic+plastic



Electrical features

Type of electrical connection	Cable
Switching distance	0 - 70000 mm
Switching frequency	15 Hz
Connection to amplifier	Yes

Mechanical features

Number of cores	2
Conductor cross-section	0.5 mm ²
Design	Cylinder plain
Diameter	10 mm
Receiver design	Normal design
Cable length	5 m
Storage temperature	-40 - 80 °C
Length	45 mm
Shock resistance	30 g
Degree of protection (IP)	IP67
Vibration resistance	55 Hz
Active area material of sensor	Plastic
Housing material	Plastic
Material of cable sheath	Plastic (PVC)
Ambient temperature	-25 - 60 °C
Line diameter	3.8 mm

Optical features

Light source	Infrared light
Light beam form	Point
Wavelength of the sensor	880 nm
Angle of beam spread	25 °

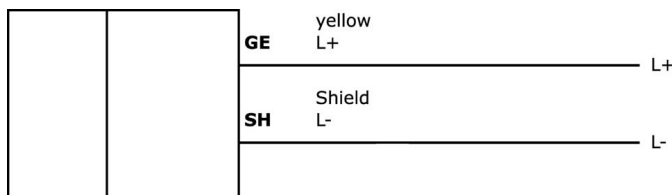
Classification

ETIM 8	EC002716 Through-beam photoelectric sensor
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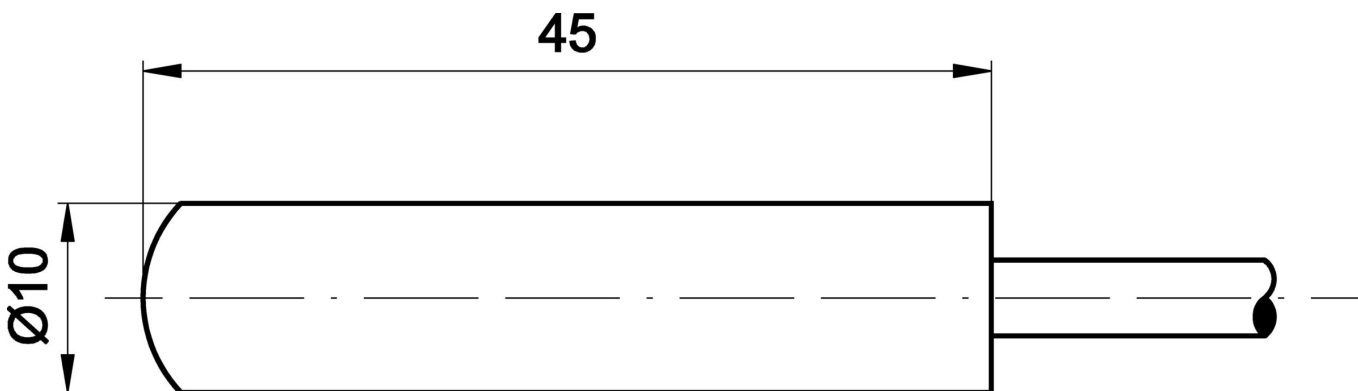
More

IPF Product Group	101 high performance through-beam sensors and amplifiers
packaging dimensions	180 x 50 x 50 mm
gross weight	140 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Dimensional drawing



Extract accessories program

AY000141



Plastic sheath, Ø17mm, Inner diameter 10mm, -40-250°C, Glass fiber with silicone rubber, Short-term resistance to weld spatter 1200°C, Tensile strength 400N, Flexible, Flame retardant, yard good

You can find further accessories on our homepage



Installation

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



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.