

SENSOR PD P Z

Stand-alone sensors



Product family features

- Infrared (PIR) stand-alone sensor with 24V switching contact
- It works with OPTOTRONIC DEXAL G2 OUTDOOR
- Programmable CCT and FLUX output, based on presence detection by Tuner 4 Tronic
- Up to 13 m: detection of vehicle movement
- Corridor detection area, up to 14 meters
- Works at any temperature range (-20° / +60°C)

Product family benefits

- Sensor compatible with Zhaga Book 18 socket
- Accurate presence detection
- Robust and rugged system solution for outdoor environment

Areas of application

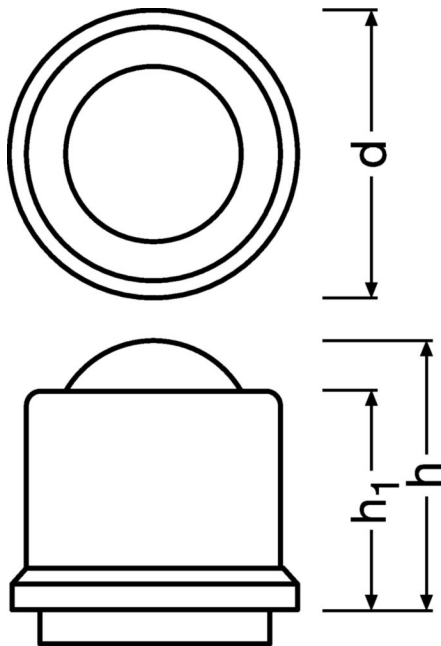
- Cycle lane
- Area lighting

Technical data

Electrical data

Input voltage DC	24 V
Nominal voltage	13,5 ... 22,5 V
Mains frequency	0 Hz
Peak input current	20 mA
Average input current	10 mA
System wattage	0.30 W

Dimensions & weight



Product weight	60.00 g
Wire preparation length, input side	7...9 mm
Cable cross-section, input side	0.25...0.75 mm ²
Length	39.5 mm
Width	39.5 mm
Height	39.0 mm
Diameter	39.5 mm

Temperatures & operating conditions

Maximum temperature at tc test point	65 °C
Ambient temperature range	-25...+60 °C
Temperature range at storage	-25...70 °C
Permitted rel. humidity during operation	0...95 %
Permitted relative humidity at storage	0...95 %

Lifespan

Lifespan	50000 h
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Capabilities

Detection angle	+/-45° °
Maximum installation height	15 m
Type of sensor	PIR
Dimmable	Yes
Type of installation	Luminaire integration
Compatibility	Works with Inventronics HubSense / Works with Inventronics DEXAL
Detection angle (PIR)	+/- 30° x +/- 10°

Certificates & standards

Approval marks – approval	CE
Protection class	II
Type of protection	IP66

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary Article Identifier	6937186103567
Date of Declaration	29-05-2026
Declaration No. in SCIP database	In work
SCIP_ID	

Download Data

File		
User instruction	PDF	▶G15130378_UI_HF_P_Z_PD_P_Z_LOW_04

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186103567 INVENTRONICS	SENSOR PD P Z	Shipping carton box 24 Pieces	303 x 242 x 146 mm	10.71 dm ³	99.48 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit