

SICK Photoelectric sensors: W250-2WSE250-2P2431

Our Product Introduction

for more products please visit us on achieversinstruments.com

Basic Information

- Place of Origin: Germany
- Brand Name: SICK
- Model Number: WSE250-2P2431
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Ripple: < 5 Vpp 2)
- Switching Output: PNP
- Switching Mode: Light/dark Switching
- Angle Of Reception: 20°
- Enclosure Rating: IP67
- Type Of Light: Visible Red Light



More Images



Product Description

SICK Photoelectric sensors: W250-2WSE250-2P2431

Functional principle	Through-beam photoelectric sensor
Dimensions (W x H x D)	20 mm x 65 mm x 43.9 mm
Housing design (light emission)	Rectangular
Sensing range max.	0 m ... 50 m
Sensing range	0 m ... 40 m
Focus	Approx. 2°
Type of light	Visible red light
Light source	LED 1)
Light spot size (distance)	Ø 0.6 m (20 m)
Angle of dispersion	Approx. 2°
Adjustment	Potentiometer, 2 turns 2)

Mechanics/electronics

Supply voltage UB	10 V DC ... 30 V DC 1)
Ripple	< 5 Vpp 2)
Power consumption, sender	20 mA 3)
Power consumption, receiver	20 mA 3)
Switching output	PNP
Switching mode	Light/dark switching
Switching mode selector	Selectable via L/D control cable
Output current I _{max} .	≤ 100 mA
Response time	≤ 0.5 ms 4)
Switching frequency	1,000 Hz 5)
Angle of reception	20°
Connection type	Male connector M12, 4-pin 6)
Circuit protection	A 7)
	B 8)
	C 9)
	D 10)
Protection class	III
Weight	80 g
Housing material	Plastic, ABS
Optics material	Plastic, PMMA
Enclosure rating	IP67
Items supplied	BEF-W250 mounting bracket
Electromagnetic compatibility (EMC)	EN 60947-5-2 11)
Ambient operating temperature	-25 °C ... +55 °C
Ambient temperature, storage	-40 °C ... +70 °C
UL File No.	NRKH2.E300503 & NRKH8.E300503





Achievers Automation Limited



13828861501



joanna@achieversautomation.com



achieversinstruments.com

RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG