



Q50

Q50IH/0T-0A

Photo.50x50,Relay-NO+NC,Cable,Diff.
COMPACT CUBIC 50 X 50 MM UNIVERSAL
PHOTOELECTRIC SENSOR

OVERVIEW

- Universal photoelectric sensor, excellent performances and high versatility due to the wide choice of different versions available
- Cable output or revolving connector, NPN/PNP outputs for Vdc models or SPDT relay output for multi -voltage Vdc / Vac models
- Complementary outputs NO + NC available on the Vdc models or selectable output NO/NC available on the multi-voltage Vdc/Vac models
- Totally protected against electrical damages
- Wide choice of optical functions available: Diffuse: 2 m; background suppression: 500 mm; polarized: 6m; through beam: 20 m. Dual multifunction output state LEDs

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	20m
Sensitivity adjustment	Trimmer

Application

Function Principle	Emitter
Optic position	Axial

Outputs	
Output type	Emitter
Output Function	Emitter
Electrical data	
Operating Voltage	12...240VDC /24...240VAC/50-60Hz
No-Load supply current	2,5VA (relay ON)
LED indicators	Green (powerON)
Time delay before availability	≤200ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	LED Infrared (850nm)
Mechanical data	
Dimensions	50X50mm
Material	PC/ABS
Housing material	PC/ABS
Weight	200g
Connections	2m PVC cable
Active Head Material	PMMA

Operating temperature	- 20°C...+ 60°C (UL omologation 0°C...60°C)
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Diameter/Dimension	Cubic
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Test/Approvals

EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-61
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Degree of protection	IP67
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Accessories

Supplied Accessories	Mounting bracket
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Generical Data

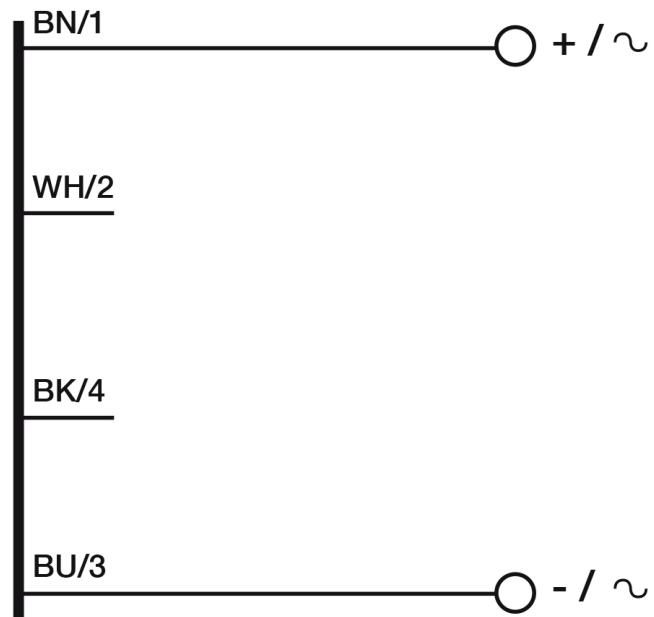
Dimensions	50x50x17mm
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Operating Temperature	- 20°C...+ 60°C (Without freeze)
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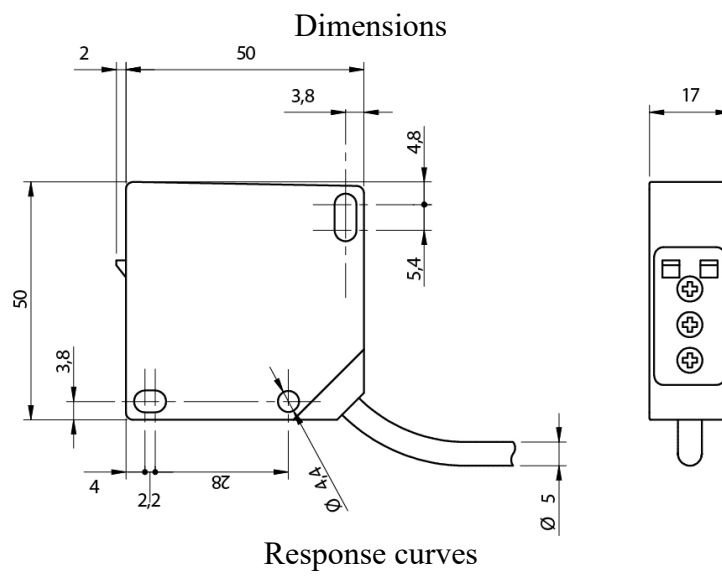
Mechanical Protection	IP67
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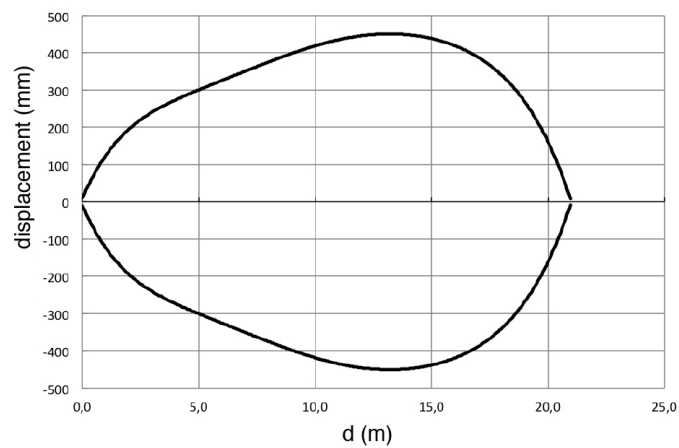
CONNECTIONS

Eletrical diagram



OTHERS





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