



## Optical data transmission ISD230, Sinec L1

ISD230-5121



**Model Name** > ISD230-5121  
**Part No.** > 1017544



### Performance

Light source: Infrared LED (860 nm)  
Heating: ✓  
Typ. light spot size (distance): 1.4 m (at 100 m)  
Transmission range: 0.2 m ... 200 m  
Field of view: Ca. ± 0.4 °

### Interfaces

Data transmission rate: ≤ 38.4 kBaud  
Output type: VS - 2 V: interference-free operation, I<sub>out</sub> = 20 mA  
Switching input: VS: sender deactivated  
Signal delay: ≤ 10 µs  
Data interface: Sinec L1

### Mechanics/electronics

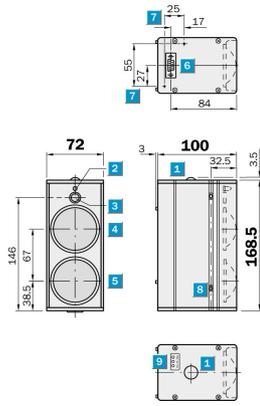
Supply voltage V<sub>s</sub>: DC 24 V, +20%/-5% (with heating), DC 24 V, ±20 % (without heating)  
Power consumption: With heating ≤ 2.5 A, Without heating ≤ 0.4 A  
Weight: Ca. 1 kg  
Housing material: Metal  
Connection type: Connector, Sub-D, 9-pin

### Ambient data

Enclosure rating: IP 54  
Protection class: III  
Ambient temperature: Operation with heating: -38 ... 55 °C, Operation without heating: 0 ... 55 °C, Storage: -20 ... 70 °C  
Max. rel. humidity (not condensing): ± 90 %, non-condensing  
Electromagnetic compatibility (EMC): EN 61000-6-2/EN 61000-6-4

# Dimensional drawing

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