



Optical data transmission
ISD230, CL 20 mA a/p

ISD230-2111



Model Name > ISD230-2111
Part No. > 1017388



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_{out} = 20 mA
Switching input: Vs: sender deactivated
Signal delay: ≤ 10 μs
Data interface: CL 20 mA a/p

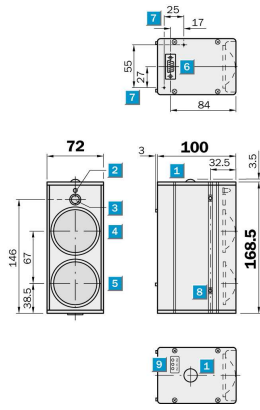
Mechanics/electronics

Supply voltage Vs: DC 24 V, +20%/-5% (with heating), DC 24 V, ±20 % (without heating)
Current 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
Electromagnetic compatibility (EMC): EN 61000-6-2/EN 61000-6-4
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

Dimensional drawing



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