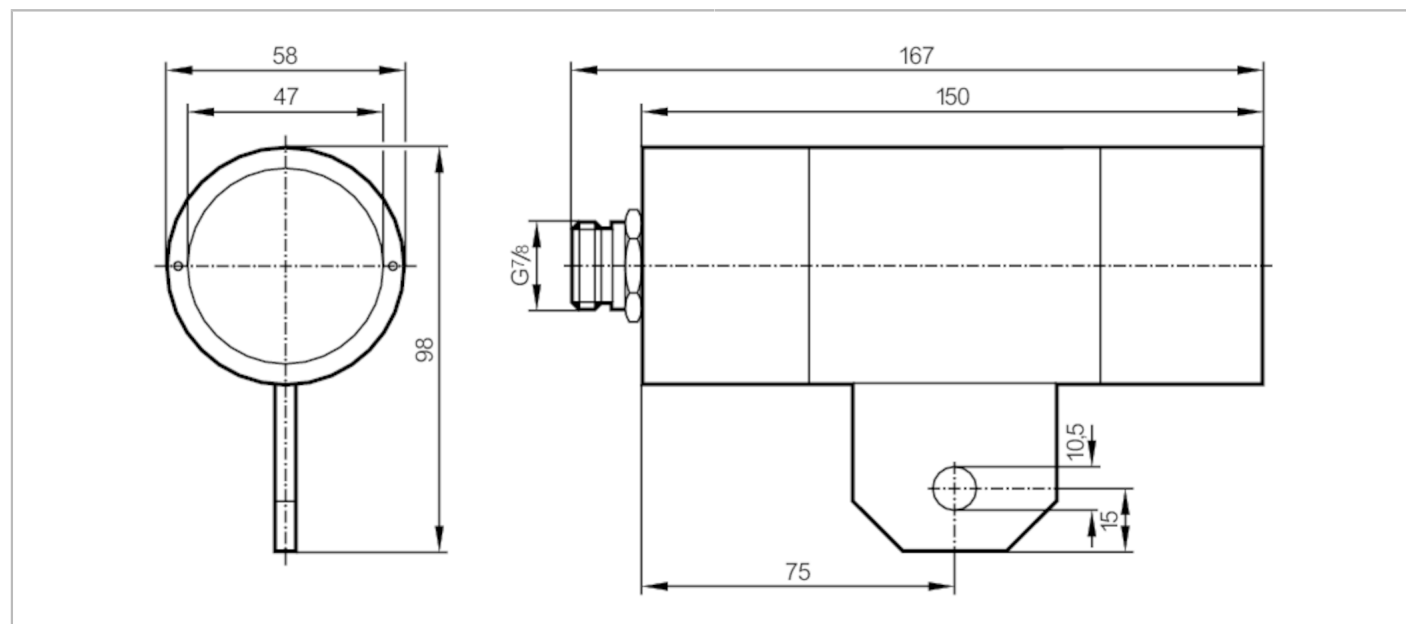




Infrared temperature sensor

OWS-7520-ABOA



Product characteristics

Housing	cylindrical
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Electrical data

Operating voltage [V]	20...250 AC/DC
Reverse polarity protection	no

Outputs

Max. voltage drop switching output DC [V]	10.5
Max. voltage drop switching output AC [V]	10.5
Minimum load current [mA]	15
Max. leakage current [mA]	7
Permanent current rating of switching output AC [mA]	200; (250 (...50 °C))
Permanent current rating of switching output DC [mA]	50
Short-time current rating of switching output [mA]	1500; (10 ms / 0,5 Hz)
Switching frequency AC [Hz]	20
Switching frequency DC [Hz]	25
Short-circuit proof	no
Overload protection	no

Detection zone

Detection range hysteresis [%]	1...15
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Operating conditions

Ambient temperature [°C]	-20...60
Protection	IP 65



Infrared temperature sensor

OWS-7520-ABOA

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	cylindrical
Dimensions [mm]	Ø 58 / L = 150
Materials	housing: brass white bronze coated
Lens material	glass

Displays / operating elements

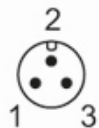
Display	switching status	1 x LED, yellow
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Remarks

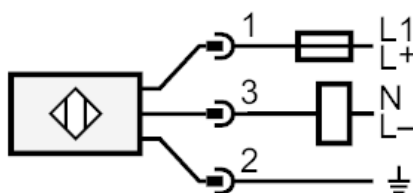
Remarks	Recommendation: Check the safe functioning of the unit after a short circuit.
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x 7/8"



Connection



Note : miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting