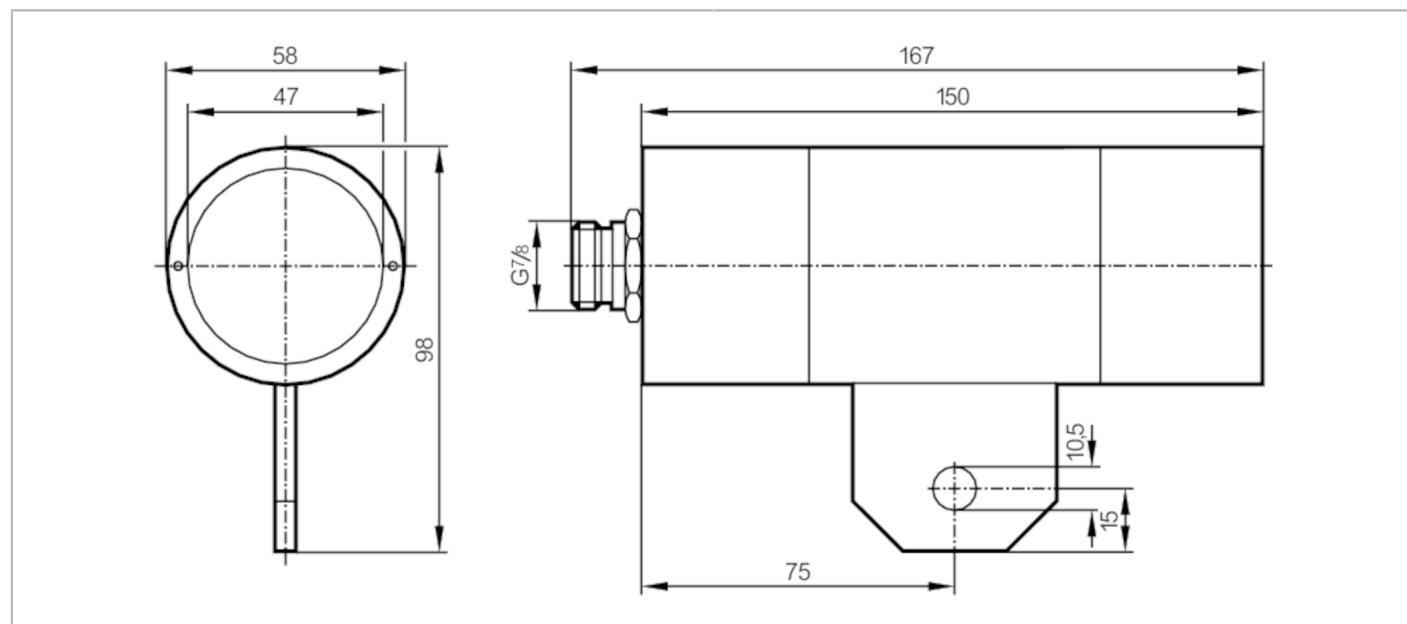




Infrared temperature sensor

OWS-7520-ABOA



Product characteristics

Housing

tubular

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

Monitoring range

Detection range hysteresis

[%]

1...15

Operating conditions

Ambient temperature

[°C]

-20...60

Protection

IP 65



Infrared temperature sensor

OWS-7520-ABOA

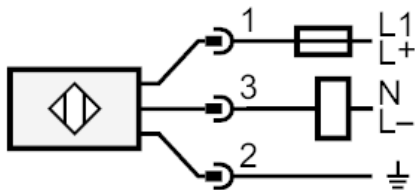
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	tubular	
Dimensions [mm]	Ø 58 / L = 150	
Material	housing: brass white bronze coated	
Lens material	glass	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Remarks	Recommendation: check the unit for reliable function 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