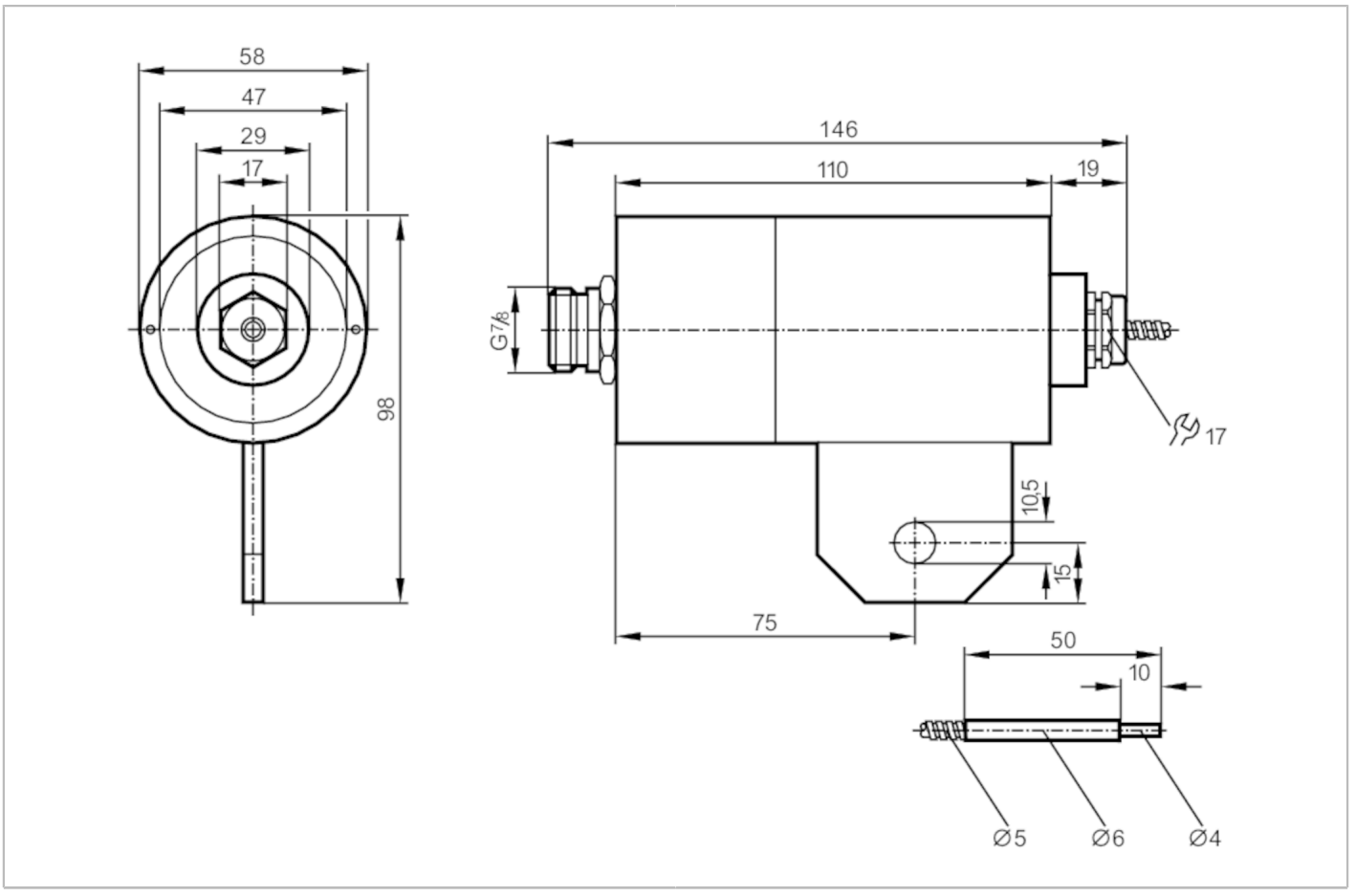
OW5001

Infrared temperature sensor

OWF-5000-BPKG

phase-out article

Alternative articles: TW7011 + E35061 + E35065
When selecting an alternative article and accessories please note that technical data may differ!



CE

Product characteristics		
Housing		cylindrical
Electrical data		
Operating voltage	[V]	10...55 DC
Current consumption	[mA]	< 20
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes

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Type of short-circuit protection		pulsed	
Overload protection		yes	
Detection zone			
Detection range hysteresis	[%]	1...15	
Operating conditions			
Ambient temperature	[°C]	-20...60	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
MTTF	[years]	940	
Mechanical data			
Housing		cylindrical	
Dimensions	[mm]	Ø 58 / L = 129	
Materials		housing: brass white bronze coated	
Lens material		glass	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Accessories			
Items supplied		Fibre optics with aluminium sheathing	
Remarks			
Notes		phase-out article	
Pack quantity		1 pcs.	
Electrical connection			

Connector: 1 x 7/8"

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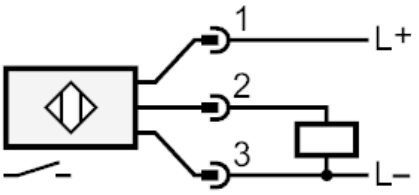
Connection