OS0028

Through-beam sensor receiver

OSE-FBOA/T

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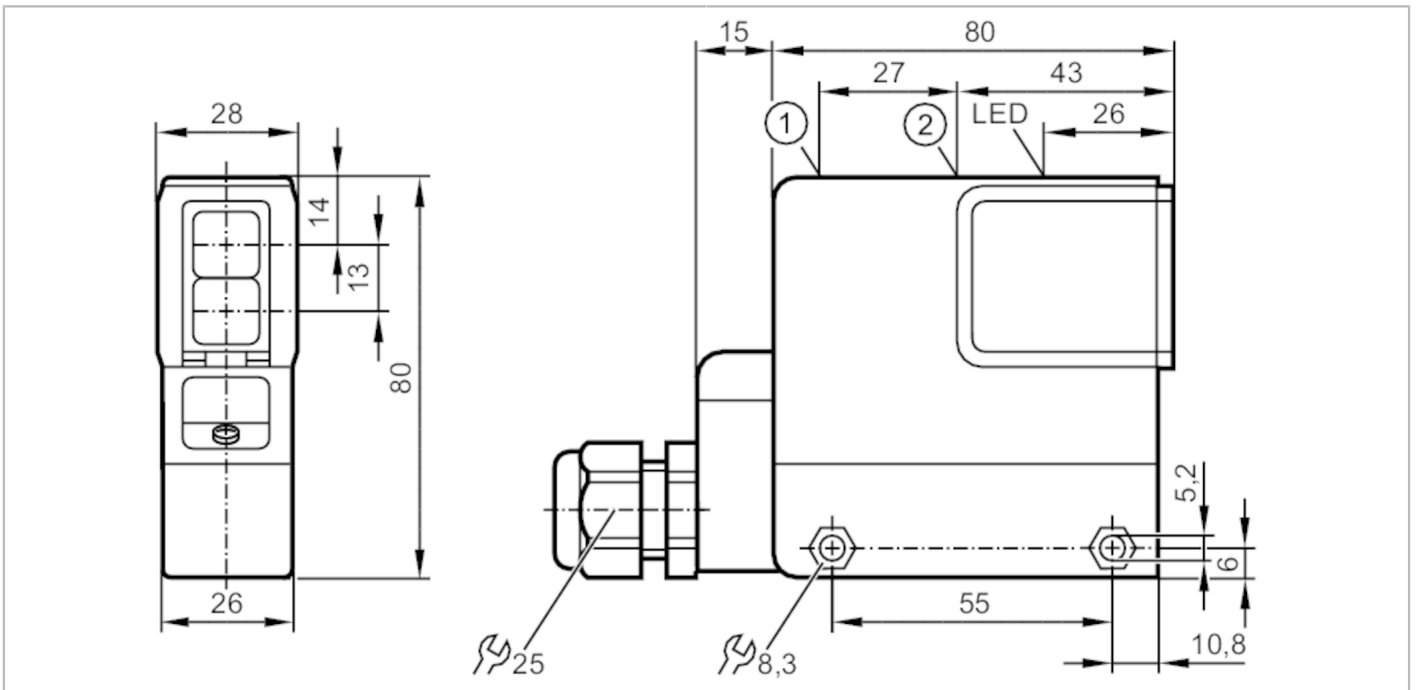

1 potentiometer timer
2 potentiometer sensitivity
receiver in upper lens

Product characteristics		
Housing		rectangular
Application		
Function principle		Through-beam sensor
Electrical data		
Operating voltage	[V]	20...250 AC/DC
Protection class		II
Outputs		
Output function		light-on/dark-on mode; (parameterisable)
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]	5
Permanent current rating of switching output AC	[mA]	250; (350 (...50 °C))
Permanent current rating of switching output DC	[mA]	250; (350 (...50 °C))
Short-time current rating of switching output	[mA]	2200; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	40
Short-circuit protection		no
Overload protection		no

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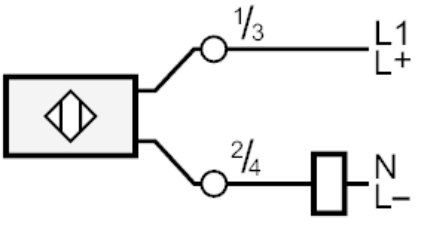
Time function	[s]	0.01...5	
Detection zone			
Transmitter / receiver		receiver	
Range	[m]	< 20	
Range adjustable		yes	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		rectangular	
Dimensions	[mm]	80 x 28 x 95	
Materials		PPO modified	
Lens material		glass	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Accessories			
Items supplied		Angle bracket	
		screwdrivers	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

terminals: ...1.5 mm²; Cable sheath: Ø 7...13 mm

Connection